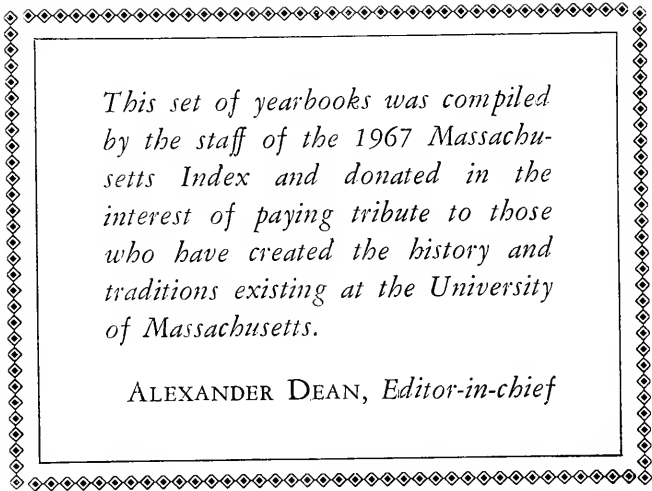


* UMASS/AMHERST *



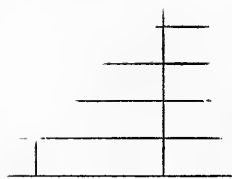
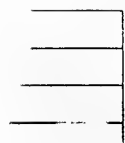
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This set of yearbooks was compiled by the staff of the 1967 Massachusetts Index and donated in the interest of paying tribute to those who have created the history and traditions existing at the University of Massachusetts.

ALEXANDER DEAN, *Editor-in-chief*

Pocket is in back.



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202
1890

Jan. 19.—Loving calls on the Hash House waiter at 8 P. M.

HENRY ADAMS, PHAR. D.,

➤‡ APOTHECARY, ‡‡➤

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Drugs, Medicines, Perfumery, Toilet articles, Park and Tilford's Cigars,—Imported,—Cigarettes and Smoking Tobaccos. Headquarters for Sporting Goods, Powder, Shot, Primers and Gun Wads. Metallic and Paper Shells. Metallic Cartridges.—Fishing Tackle.

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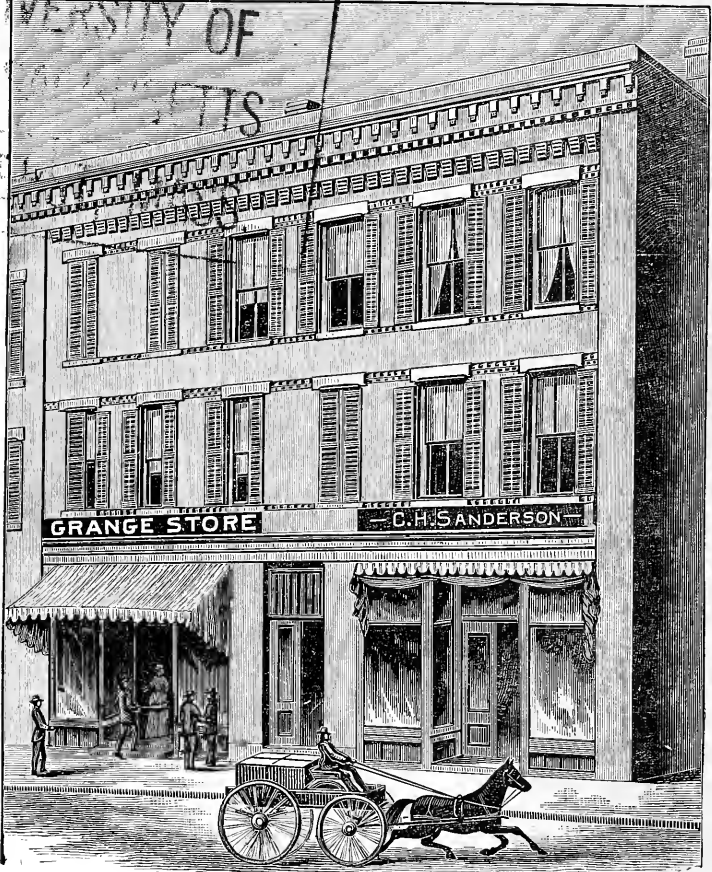
"Davy" is quite interested in skunk's oil.

LIBRARY

Why did not Castro hit "Tutsey" with the lamp?

UNIVERSITY OF
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AMHERST



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in Hampshire County.

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W. G. TOWNE, Agent.

Because he went through the door so quickly.

May 12.—Stowe goes barefoot.

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**BOOTS AND SHOES, RUBBERS, OVERSHOES,
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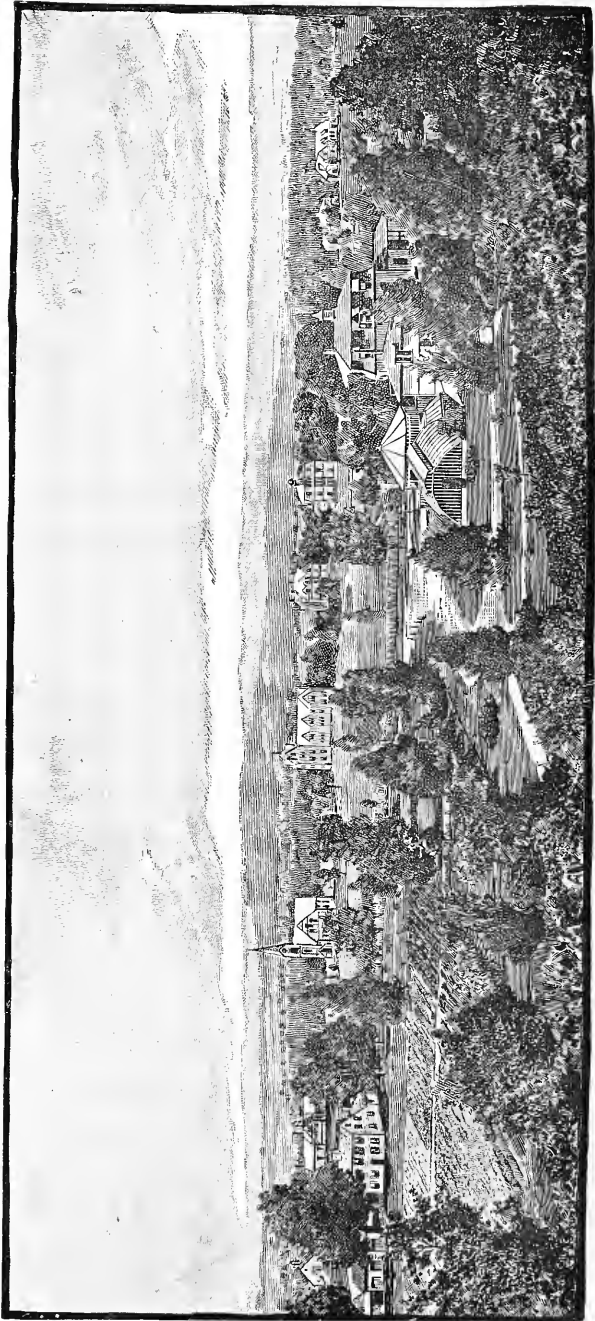
ers, Troy Laundry. Hats Repaired.

Furs Renoyated. Students'

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When did Brooks go barefoot to Sugarloaf?



Massachusetts Agricultural College.

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5. Mathematics and physics; including practical work in surveying, road-making, laying of tiles, etc.; Meteorology in the relation of climate to crops, etc.

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Oct. 15.—Russell starts a moustache.

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Why was "Cope" looking in a drain on June 15th.

Mr. Hubbard.—How many kinds of hair has a cat?



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Two ; the hair on her back and her whiskers.

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Vol. XX.

No. 1.



* THE INDEX *

OF THE

Massachusetts Agricultural College,

PUBLISHED BY  '90, JUNIOR CLASS.



AMHERST, DECEMBER, 1888.



Press of Gazette Printing Company, Northampton, Mass.
1888.





To those who love reminiscences of College life, and who are interested in its pleasures, as well as in its duties, the Index respectfully dedicates its pages.





Editorial.

IT is said that every year the Index grows poorer in quality. Perhaps the present issue will help confirm this opinion, yet we present this to the public hoping it may be found as much better as it is larger, than our immediate predecessors.

Our labor has been arduous, with trials such as losing two members of our board in the midst of our work, but we shall feel amply repaid if our critics decide that the perusal of this, the twentieth volume of the INDEX has been one of pleasure and perhaps of profit.

Our purpose has been to prepare a book containing something more than a mere compilation of facts, and in this endeavor we have made a few, perhaps radical, changes from previous issues, among which we may mention the simple style of cover we have adopted. It was thought more fitting to spend our time and money on the inside rather than to expend so much on a fanciful cover, to the beauty of which, but few would give a second thought.

Our college has been unusually prosperous the past year, and has taken a long step in the front rank of Agricultural institutions. The faculty, with one exception, remains unchanged. Prof. Alvord, the former Professor of Agriculture, resigned at the close of the winter term to accept the position of President of the Maryland Agricultural College. Ex-President Stockbridge kindly consented to take his chair until a new professor could be secured, and many have expressed the wish that he could be induced to remain permanently.

During the first portion of the year, the instruction in Agriculture was necessarily much broken, but now all seem to feel that they have received so much valuable and practical information during the short time that Prof. Stockbridge has been instructor, that it is hard to be reconciled to the thought of having to change to a new professor in January. Prof. Brooks of the Agricultural College of Japan has been secured by the Trustees to take the position vacated by Prof. Alvord, and he is expected to assume his duties in January.

Many improvements have been made on the farm during the year, though the work has been much hindered by the lack of a permanent head. The land in the valley west of the campus has been cleared of stumps and seeded to grass, while the land on the border of the creek running through the farm, has been ploughed for the purpose of growing corn next season. A substantial wire fence has been built by the edge of the road on the western side of the farm and the land graded, giving it a much more finished appearance. Under the efficient supervision of Mr. Wright the farm is fast approaching a state which may make it a model for all good farmers.

Prof. Maynard is still filling our minds with horticultural knowledge and yet finds time to steadily improve the appearance of his department. W. M. Shepardson '88 now holds the position formerly held by S. B. Green, '79, who resigned, to become Prof. of Horticulture in the Minnesota Agricultural College. New varieties of fruit are constantly being added and thoroughly tested as to their value. A new plant house has been built near the site of the old rose house, one part of which is to be devoted to experimental work under the direction of L. F. Kinney, '88, and the remainder to the general work of the department.

Prof. Fernald steadily holds us spell-bound as he discourses on the strange behavior of certain animals called Protoza. The only fault we find in relation to his department, is that we can only be instructed by him three hours a week, when we would all prefer a dozen.

Under the direction of Prof. Wellington, we have been endeavoring to get the principles of mineralogy into our brains, though to many it seems as if they knew less and less about it each day. We could work to much better advantage in the "Lab" if we could have two hours a day for a part of the week instead of working one hour every day. We no sooner get fairly under way in our tests than we hear the sound of "Johns" No. 10 shoes as he crosses the "Gym." giving us warning that the bell is about to ring.

With Prof. Warner's help, and by our many noble efforts at the end of each term, we have passed with honor (?) from Algebra through Surveying and are now "dissipating our energies" in attempting to understand the "composition of forces" which constitutes the wonderful science of Mechanics.

Dr. Walker, our college pastor, is laboring hard to convince us that a knowledge of the art of Rhetoric should be the chief aim and end of man. Yet, thus far, it appears as if each man considered the calculation of whether he was going to be so fortunate (?) as to be called upon to recite, a far more important consideration than the knowledge of the art itself.

Pres. Goodell gives the two lower classes thorough instruction in the Latin and French languages as far as the limited time will allow, but it would seem of more use to the students if these languages could be dropped and a two years' course of study in the German language given in their place.

At the beginning of this term an effort was made to give the students a better opportunity to obtain a knowledge of declamation and composition. Previous to this, each class has been under the instruction of four professors during their course, which has resulted in a confused jumbling of ideas without much benefit to any one. Prof. Lane now has charge of this department, and there is no doubt but what he will succeed in his attempt to raise the literary standard of the college.

The cadets under the command of Lieut. Sage are obtaining a fair idea of military science and tactics. They have had an opportunity this term to show their skill in drilling at the Belchertown and Springfield fairs. Most of the term has been devoted to company drill, no artillery nor mortar practice having been ordered. There is hardly the interest taken in drill that there should be. The majority go on drill with the feeling that the more "place rest" there is, and the sooner the drill is over, the better off they are.

During the year Col. W. S. Clark's picture has been given to the College by some of the Alumni. The Trustees have also presented us with a complete collection of Japanese agricultural implements which will be brought here by Prof. Brooks. The old gymnasium is to be fitted up as an agricultural museum of which these tools will form the nucleus.

The interest in athletics is not what it should be. Both the Base-ball and Foot-ball Associations have been well supported financially, but the students can hardly be induced to go out and practice as they should. They seem to think that the teams should win all the games played with very little or no practice. While this sort of feeling lasts, we must not expect our teams to do good work. If we cannot have a ball nine that will do better work than that of last year, we had better have none at all. The foot-ball team has done fairly well considering the number of men to choose from, but still it should do better. Tennis seems to be our most popular sport, and the four society courts are occupied the greater part of the time.

At last it seems as though a start has been made towards having a good gymnasium. By subscriptions from the students and others, about two hundred dollars was raised, which is being expended for clubs, dumb bells, chest weights, etc. The drill hall has been sheathed, and heating apparatus put in, and it is expected that by the first of January, it will be in readiness for use. A great impetus would be given if the Alumni

would start an Athletic fund, the income of which should be used in the interests of athletics in general.

We welcome our proteges, the class of '92, as by far the largest that has entered the college for a number of years. If some of them were only sensible enough to realize that it is not necessary to be *fresh*, though they are Freshmen, it would be a great improvement. It seems to us that a mild amount of hazing might be a good thing for these, and it would hardly be injurious to some of the members of '91.

Classmates: We have now completed the undertaking with which you have honored us, though the poor business manager is still growing thin at the thought of the bills he must collect. We have tried to prepare an INDEX that shall be remembered hereafter as a credit to our class, and now we lay aside our pens with feelings of both joy and sorrow that our editorial days are over.



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1888-89.

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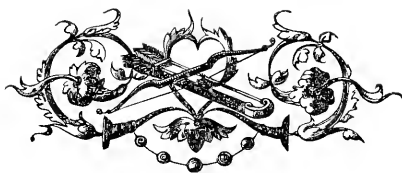
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AND

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'89.

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'89.

CLASS COLORS—Cardinal and Dark Blue.

CLASS YELL—Rah, Rah, Rah; Rah, Rah, Rah; Rah, Rah, Rah; '89.

“Fly, envious Time, till thou run out thy race;
Thy speed is like the fiery coursers pace.”

“And in their nightly watchful spheres,
Lead in swift rounds the months and years.”

HOW fast time flies! It seems but yesterday that, as Freshmen, we first came to begin our college life amid new scenes and new surroundings.

Yet now, in the words of the old song: “As grave and reverend Seniors gaze we on the verdant past;” and we realize that soon four of the pleasantest, and we hope most profitable, years of our lives will have gone by forever; that soon the bright scenes and pleasant occupations of our college days will exist for us only as cherished memories of what we once enjoyed.

Since we entered, our ranks have kept thinning, until but half our original number are left to graduate. We cannot but miss the absent ones, yet at the same time we would heartily wish them success.

During the past year our time has been partly occupied by an investigation of Physical phenomena and electricity; but our experiments with the latter often had *shocking* results.

With net in hand we have explored the country in search of new or strange Insects, with which to prove our knowledge of Entomology.

Our proficiency in Chemistry is quite remarkable, as evinced by the wonderful reactions, and peculiar formulæ we have been able to produce; while our talent for understanding and solving deep and intricate Psychological problems, though as yet not completely developed, is never-the-less remarkable.

It augurs well for the future of the college to see the numbers increasing as they do from year to year. May they continue to increase until these buildings shall not suffice to contain them; and let each man as he pursues his course in college remember the advice of Sir Thomas Buxton to his sons,—“What you know, know thoroughly,” and success will crown his efforts.

It is not without a feeling of sadness that we send our last communication to the INDEX; for in doing so we feel it is to say good-bye to old friends with whom we soon must part, perhaps never to meet again; but the memory of our pleasant associations will be with us always.

And now, Classmates: Let us not be discouraged because our numbers are not as large as we had hoped to have in our last year. Let us rather emulate the worthy deeds of our ancestors, the little band of Pilgrims, who years ago landed on our coast where, "The breaking waves dashed high;" and, like them, make each obstacle only another incentive to *push on*, and we shall succeed at last.

As upper classmen it devolves upon us to be leaders and mentors of the college in all its workings. May our example be such as can be safely followed, and may our remaining days here at college be so spent as best to fit us for the work that lies before us when we leave our Alma Mater; and let us bear in mind that as the world moves, so must we, or be left behind; that there is always *room at the top*; and, that if we desire an open road to prosperity and happiness, we must make it ourselves.

Our college duties soon must end. As the curtain falls and '89 retires from this stage of action, may hers be the welcome plaudit, "*Well done.*"

D.



Junior Class.

'90.

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Stowe, Arthur Nelson	Hudson,	22, N. C.
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Taylor, Fred Leon	North Amherst,	Home.
West, John Sherman	Belchertown,	21, N. C.
Williams, Frank Oliver	Sunderland,	12, N. C.

'90.

CLASS COLORS—Navy Blue and Old Gold.

CLASS YELL—Ching, Chang, Chong; Ching, Chang, Chong; Ra, Ra, Ra;
Ra, Ra, Ra; '90.

AGAIN the time has come for the the class of '90 to send its greeting to the readers of the Index, but now, having reached the age of Juniors, we cannot appear as in former times when we were full of stratagems so characteristic of the lower classes.

So far upon our College course our experience has been wide and varied, each year bringing forth new elements with which to test our ability.

Yet many members of the class who entered are not now with us, death has taken one, others are engaged in their pursuits for life, and only one has joined us from the class lower.

We sincerely regret the loss of '88 and their kind advice always given for our benefit.

Many pleasant memorials recall to us past associations with them. Knowing we had many friends in '88, we heartily wish them prosperity in whatever profession of life they may follow.

Notwithstanding our losses, we have a bright side to our history. We are now the next to the largest class in College, and a well-organized class it is. Experience has taught us that in order to accomplish our purposes, we must work together, and this unity is only gained by placing the greatest confidence in each; then we can accomplish wonderful results.

In the class-room our instructors have, without doubt, realized our efficiency in the sciences, after having faithfully studied the laws which govern the universe or establishing by calculus the distance from earth to infinity, as well as other hidden secrets of nature that have proved worthy of our investigation.

Many of our men have taken a lively interest in the athletics of the College and have occupied very prominent positions, but we hope more interest will be taken yet, as there is much room for improvement.

In our class games we won a good score from '89 in base-ball, but did not succeed so well in foot-ball, although we are well satisfied with the

result. Our base-ball game with '91 was lost through the absence of some of our best players.

Now that we have a gymnasium there should be more ball players among us, for a gymnasium affords an excellent training for all our athletic sports.

Among the many improvements which have been made this term is the establishing an observatory on the top of South College tower, thus giving the Juniors an excellent opportunity for star-gazing, saving them the trouble of going down town.

By permission of the President, we celebrated Arbor Day by setting two very choice trees between North and South College, replacing those set by '72, for the reason that their trees had grown very irregular and injured the beauty of the College grounds.

Classmates: Two very important years of our life have passed, and we have entered far upon our third year, soon our College life will end. Amid the scenes of reflections let us see wherein our mistakes have been made, that by so doing we may correct our future by the experience of the past and spend the rest of our College days with profit to ourselves, our friends and those who follow after us. S.



LUX ENG CO BOSTON

Sophomore Class.

'91.

OFFICERS.

President.

A. M. BELDEN.

Vice-President.

H. T. SHORES.

Secretary.

M. RUGGLES.

Treasurer.

J. B. HULL.

Historian.

W. W. GAY.

Captain.

A. M. BELDEN.

MEMBERS.

<i>Names.</i>	<i>Residences.</i>	<i>Rooms.</i>
Arnold, Frank Luman	Belchertown,	21, N. C.
Belden, Allen Montgomery	East Whately,	7, S. C.
Brown, Walter Augustus	Feeding Hills,	Mrs. Baker's.
Carpenter, Malcolm Austin	Leyden,	28, N. C.
Eames, Aldice Gould	North Wilmington,	13, N. C.
Eaton, Henry Newell	South Sudbury,	32, N. C.
Field, Henry John	Leverett,	Home.
Gay, Williard Weston	Georgetown,	2, N. C.
Gorham, Frederick Seeley	Westport, Conn.,	14, S. C.
Horner, Louis Fred	Newton Heights,	28, N. C.
Hull, John Byron	Stockbridge,	12, S. C.
Johnson, Charles Henry	Prescott,	6, S. C.
Lage, Oscar Vidal Barboza	Juiz de Fora Minas, Brazil,	7, S. C.
Legate, Howard Newton	Sunderland,	Home.
Lindsey, Ernest	Marblehead,	15, S. C.
Paige, Walter Cary	Amherst,	Home.
Phillips, John Edward	Brooklyn, Conn.,	12, S. C.
Ruggles, Murray	Milton	6, S. C.
Sawyer, Arthur Henry	Sterling,	3, S. C.
Shores, Harry Towle	West Bridgewater,	13, S. C.
Tuttle, Harry Fessenden	Jamaica Plains,	14, S. C.

CLASS COLORS—Peacock Blue and Old Gold.

CLASS YELL—Wah hoo, Wah hoo, Wah hoo, Wah; Zip boom bah; '91.

THE thought arises as we send this, our second, communication to the INDEX, how rapidly our Freshman days have glided by, bringing us around to the enviable position of Sophomores, which is always looked forward to with interest by the Freshmen.

The feelings with which we came back to College this year are entirely different from what we experienced last year at this time, for our Freshman shyness has passed away and more confidence in ourselves has been aroused, causing us to feel that we are indispensable to the institution. One must not for a moment think we intended to be conceited, as there can be no such trait of character attributed to us, for the Class of '91 is not characterized by that overwhelming sense of importance common to the preceding Sophomore classes; but, on the contrary, has attained a great degree of (gravity), of which kind it is not necessary to (specify).

Ten of those who entered with us upon the trials and vicissitudes of the Freshman year have not returned, and as the class was a small one, their loss is keenly felt; but their loss is partially made up by the addition of four new members. It is hoped that those remaining have the determination to finish their course and graduate with the honor due to '91.

In regard to our intellectual development there is but little to say, except that we certainly have had the chance to broaden our mental faculties if we so desired, and without doubt the opportunity has been embraced by every one, so that there has been quite a perceptible addition to our store of knowledge; and now as we come into our Sophomore year there should be a closer application to work, as we find the studies more difficult, and therefore requiring more time and thought.

In athletics, '91 has been prominent in furnishing men for the College foot-ball and base-ball teams, and although not having had the experience which comes from three years' practice, as the upper classmen have, yet they take hold with a proficiency which does credit to them and their class.

The subject of athletics is coming to be one of great importance in the

College, and it is absolutely necessary to have the sympathy of every student to ensure success in this matter, and it depends upon us in a large measure to promote this interest.

The ins and outs of College life have been learned with a proficiency quite excelling anything in the line of our regular studies, and we can now converse with the Juniors when they speak of going to see their cousins at Hamp. or Hadley.

We would like to ask the Freshmen if they are waiting for their men to grow in order that they may be strong enough to have a rope-pull? If so we would advise them to try Dr. Barrows' Phosphate, as that is good for young and growing bones, and perhaps they will be strong enough by their Junior year.

Now, Class of '91, gather around while we renew the hopes and ambitions with which we started out so resolutely upon our College course, and may we realize more fully the possibilities which lie before, the chances that we have here to make the most of ourselves. We have now fairly started in upon our course, and all that is necessary is diligence to obtain what is more valuable than gold or silver, and that is a cultivated mind. G.



Freshman Class.

'92.

OFFICERS.

President.

C. A. MAGILL.

Vice-President.

G. B. WILLARD.

Secretary.

B. SEDGWICK.

Treasurer.

H. C. CRANE.

Historian.

H. F. STONE.

Captain.

A. R. WOOD.

MEMBERS.

<i>Names.</i>	<i>Residences.</i>	<i>Rooms.</i>
Bardin, James Edgar	Dalton,	18, S. C.
Boynton, Walter	North Amherst,	Home.
Chamberlain, Pierce Annesley	Sao Paulo, Brazil,	8, S. C.
Clark, Edward Thornton	Granby,	9, N. C.
Condit, Charles De Hart	Troy Hill, N. J.,	13, N. C.
Crane, Henry Everett	Weymouth,	17, S. C.
Davidson, Royal Page	Highland Park, Ill.,	Mr. Bangs'.
Deuel, James Edward	Amherst,	Home.
Emerson, Henry Bennett	Gloucester,	9, S. C.
Faneuf, Arthur Gelis	Amherst,	Mr. Canavan's.
Farrar, Frederick Allen	Ware,	Mrs. Gilbert's.

Field, Judson Leon	Leverett,	Home.
Fletcher, William	Chelmsford,	15, S. C.
Goldthwait, William Johnson, Jr.	Marblehead,	16, S. C.
Graham, Charles Sumner	Holden,	29, N. C.
Haley, George Williams	Stonington, Conn.,	10, N. C.
Hoar, Thomas	Amherst,	Home.
Holland, Edward Bertram	Amherst,	Home.
Howard, Henry Merton	Franklin,	17, S. C.
Hubbard, Cyrus Moses	Sunderland,	12, N. C.
Hull, Henry Banks	Hampstead,	5, S. C.
Lymau, Richard Pope	Boston,	11, S. C.
McDonald, Frederick John	Glenaladaly, P. E. Island,	16, S. C.
Magill, Claude Albion	Amherst,	Home.
Nauss, Charles Strum	Gloucester,	9, S. C.
Rogers, Elliot	Boston,	2, S. C.
Saville, James Richardson	Rockport,	Frank Wood's.
Sedgwick, Benjamin	Cornwall Hollow, Conn.,	18, S. C.
Smith, Robert Hybe	Shelborn,	Home.
Stockbridge, Francis Granger	Northfield,	8, S. C.
Stone, Harlan Fisk	Amherst,	Home.
Taylor, George Everett	North Amherst,	Home.
Thompson, Henry Mardin	Monterey,	32, N. C.
Tyng, George McAlpine,	Victoria, Texas,	10, S. C.
Tyng, Charles	Victoria, Texas,	10, S. C.
Weed, Wallace Dana	Marblehead,	11, S. C.
West, Homer Cady	Belchertown,	23, N. C.
Willard, George Bartlett	Waltham,	4, S. C.
Williams, Milton Hubbard	Sunderland,	12, N. C.
Wood, Augustus Roswell	Centre Village,	3, S. C.



'92.

CLASS COLORS.—MAROON AND YELLOW.

CLASS YELL.—BADGER '92.

IN submitting an article for the INDEX to the public gaze, we beg that in her criticisms it may be remembered that this is our first contribution to the pages of the INDEX and that we have not as yet, the experience in this form of journalism which comes only by familiarity with the work.

The class of '92 is one of the largest which has entered the college for several years. This seems not only to be indicative of the value of the class to the college, but to show the gradually increasing interest which the public is taking in the institution. Many members of the class are taking a lively interest in athletic sports and we have succeeded in organizing a very fair foot ball team which in the class game played a better game against the sophomores than has any freshman eleven for several years.

There is an excellent prospect for a good base ball team in the spring, and we have plenty of good material to put at work in that direction.

The rope pull is, as yet, a matter of conjecture. It is hoped, however, that '91 will in time gain sufficient backbone to pull us on equal terms, and should that time arrive, we shall be happy to return the compliment, and do all we can to make the contest interesting.

The sophomore class which last year lacked, (as a '90 man remarked); the silica to take part in a rush, seemed to have gained a little of the requisite matter this year, but when they had been distributed over the hall and the walk one morning after chapel, the silicious materials seemed to leak out of their boot heels, and such a thing as a rush hasn't been heard of since.

But of greater importance than these minor affairs of college life, is the fact that we now stand at the threshold of one of the most important

epochs of our lives. It is here that many of us will finish our education, and complete the final preparations for life's struggles. As we stand at the beginning of this period of such infinite worth not only to us, but to our friends and associates in future life, may we be impressed with its value and enter faithfully and energetically into the duties as well as the pleasures of college life, with the hope that four years hence we may graduate a goodly number, whose careers in after life shall not only be an honor to the M. A. C., but shall give credit to ourselves, s.



The Christian Gentleman.

The art of pleasing is essential to success in life. Without it the highest worth is defrauded of its rightful glory, and real merit is robbed of its power. By means of it the man of moderate ability multiplies his influence a thousand fold ; the man of genius cannot do without it.

Of this art every young man should make himself master. A sanctified art of pleasing is the substance of the golden rule, and is that which makes godliness profitable for this life, as well as for the world to come. Simon Stylites on the top of his pillar, disgusting men with his agonizing corruption is not the representative character of our religion ; but Jesus Christ, going about among men exerting himself to please.

In what does the art of pleasing consist, and how may it be acquired ? This question may best be answered by presenting for our contemplation a sketch of the Christian gentleman.

The disposition of the Christian gentleman is good will to men. He has a benevolent heart. He loves his neighbor as himself, and is possessed of a genuine desire to please. A true simplicity is his. He is free from a propensity to cunning or stratagem. He will have nothing to do with those base and deceitful arts with which the man of the world steals the hearts of the confiding. He hates duplicity. He is always sincere. Whatever may be his rank or station, however great may be his wealth and worth, he is neither proud nor arrogant. The lowly man may approach him with ease and feel at home in his presence. He is no egotist. Unconsciousness of self is one of his most beautiful traits. He thinks and cares for others, sympathizing with them and looking at things from their point of view.

The manners of the Christian gentleman are such as become his real character. They are a part of himself. They are natural, the outward manifestation of the man. He understands that he ought to seem to be

what he is. He knows that it is just as bad, if not worse, for one who is a real gentleman to disguise himself in the manners of a boor, as it is for the clown to assume the manners of a gentleman. So he makes it his study to give the best possible expression to what he is. The Christian gentleman proclaims himself by the carriage of his body, by the glance of his eye, by the varied expression of the face, by the motion of his head, by the grasp of his hand, by his walk, by the intonation of his voice, and by a thousand other movements which defy analysis; his manners are themselves a song, a poem, eloquence.

The Christian gentleman pays proper attention to dress; "the apparel oft proclaims the man." You can tell a coxcomb as far as you can see him; he is a man who has degraded God's image into an effigy on which to exhibit fine clothes. The Christian gentleman feels himself to be of more importance than his wardrobe. The dress is subordinated to the man and not the man to the garment. Neither warmth, nor comfort, nor convenience, nor beauty is sacrificed to fashion, or cost or vanity. His great aim is to so arrange his dress as to make himself and others forget it entirely. He does not dress extravagantly, for that would excite envy. He does not dress shabbily, for that would call forth pity. He avoids everything grotesque. He dresses with perfect taste. Above all things he avoids whatever is a sham. He wears no paste for diamonds. His dress is as simple, as honest, as beautiful as his manners and his character.

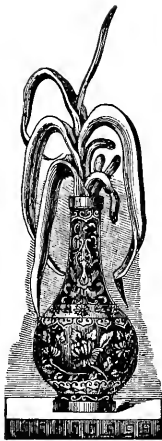
The Christian gentleman is known by his conversation. He despises gossip and hates slander. His speech is pure; he tells no story and utters no word that he would blush to have understood by the most chaste. He deems it ungentlemanly, as well as wicked, to emphasize his talk with profane oaths. He respects the feelings of others too much to speak lightly of Jesus Christ, or God, whom the Christian loves better than the dearest friend or the nearest relative. He speaks his native language in its purity. He avoids slang; for he knows that false syntax, mixed idioms, the prostitution of sublime words to mean uses and slang phrases, betray want of culture, and vulgarity in spite of all disguises; that they frequently indicate a lack of moral character. The conversation of the Christian gentleman is truthful. He never utters for any purpose a falsehood. He would not lie to escape any difficulty, or to secure any reward or emolument. He guards against exaggeration and careless errors. He speaks always with authority, for his declarations may always be relied upon. His conversation never degenerates into angry disputation. He is free also from that overbearing dogmatism which mars the character of so many men of real talent. At once instructive and entertaining, with no assumption of airs, he teaches you as though he taught you not. He interests himself in those things which interest

you. He discovers your best thoughts and gives to them beautiful expression. He excites those emotions of your heart which please you, and then shares your enjoyment. And, if perchance, he strike a tender chord that reminds you of your grief, he heals the wound with his genuine sympathy. He strengthens your good resolutions with new motives that you had not discovered. Avoiding base ridicule and biting sarcasm, he cheers you with his genial humor and banishes gloom with his sparkling wit.

The Christian gentleman is welcome wherever he goes, for at the head of the table, or the center of the drawing-room, he is the life of the company, and the joy of the social circle. He is recognized and loved wherever seen. All men delight to honor him. If one, then, would make himself master of the art of pleasing, he should take the Christian gentleman for his ideal, and strive earnestly to attain to his perfect realization of the golden rule.

C. S. W.



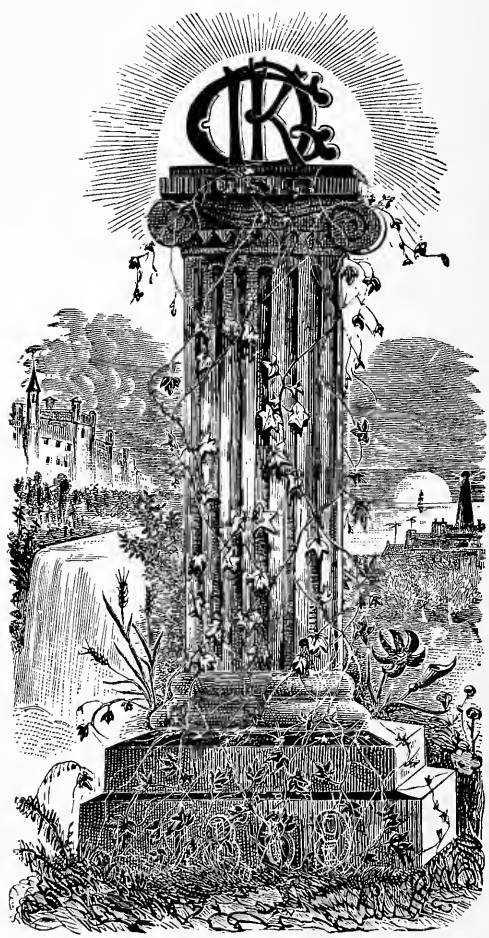




LUX ENG. CO. BOSTON







D. G. K.

Aleph Chapter, 1869, D. G. K.

INCORPORATED, 1886.

SENIORS.

C. S. Crocker,

A. D. Copeland,

C. E. Bliss.

JUNIORS.

A. de M. e Castro,

J. M. Herrero,

H. L. Russell,

W. E. Taft,

J. S. Loring.

SOPHOMORES.

A. M. Belden,

W. C. Paige,

H. T. Shores,

J. E. Phillips,

F. S. Gorham,

J. B. Hull, Jr.,

W. W. Gay,

H. F. Tuttle,

H. N. Legate,

C. H. Johnson,

O. V. B. Lage.

FRESHMEN.

R. P. Davidson,

B. Sedgwick,

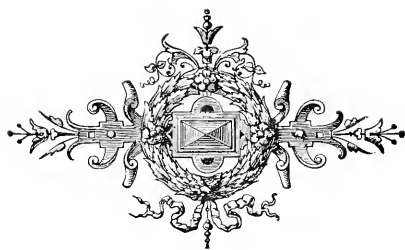
C. Tyng,

F. G. Stockbridge,

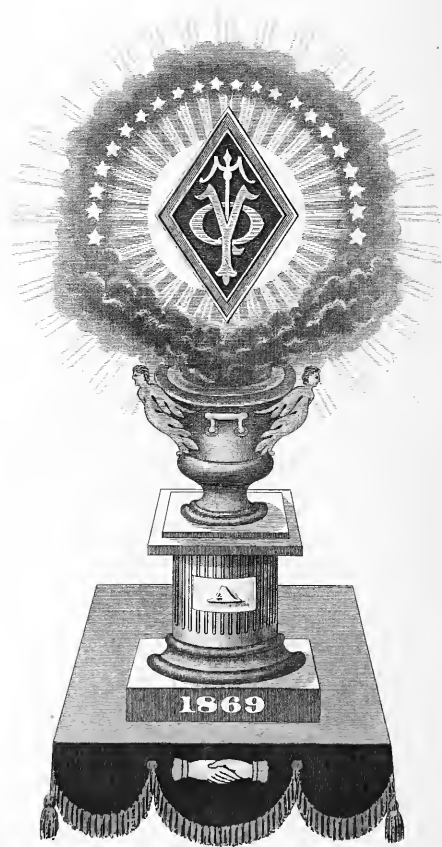
J. E. Bardin,

F. J. MacDonald,

W. J. Goldthwait, Jr.







Q. T. V.

Amherst Chapter.

FOUNDED IN 1869.

SENIORS.

J. R. Blair, M. N. North.

JUNIORS.

D. W. Dickinson,
H. D. Haskins,
C. H. Jones,
A. C. McCloud,
A. N. Stowe,

F. N. Taylor,
G. A. Goddard,
F. J. Smith,
J. S. West,
David Barry,

F. O. Williams.

SOPHOMORES.

F. L. Arnold,

A. H. Sawyer,

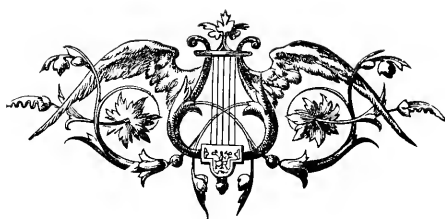
H. J. Field.

FRESHMEN.

W. Boynton,
P. A. Chamberlain,
J. E. Deuel,
J. L. Field,
G. W. Haley,

G. E. Taylor,
H. C. West,
M. H. Williams,
A. R. Wood,
R. P. Lyman,

C. M. Hubbard.





Phi Sigma Kappa.

Pi Chapter.

SENIORS.

F. W. Davis,

J. T. Hutchings,

W. A. Kellogg,

R. P. Sellew.

JUNIOR.

C. M. DuBois.

SOPHOMORE.

A. G. Eames.

FRESHMEN.

G. B. Willard,

G. R. Tyng,

H. B. Hull.

What of the College?

AS in the varied departments of the world's work agricultural industry is the basis on which all else rests, and the existence of which makes all else profitable and even possible, so in the College of Agriculture, science, culture and discipline are but the accessories in securing the end for which such an institution is endowed and conducted, and but for which it could have no standing before the public.

The standard by which the Agricultural College is to be measured, by which it is to be finally judged as a success or failure, is not the rank it may secure among our older educational institutions, but by its influence in elevating the industry of agriculture and increasing its products, through the men it educates as students, and the principles affecting plant growth which its officers may discover, elucidate and make public property. Therefore its system of instruction, its curriculum, however comprehensive and extended, has one main, final object in view, and that is to make the education, culture and discipline it gives a practical industrial force, and its farms, farm crops and stock, its conservatories, nurseries and fruiteries, its laboratories, cabinets, apparatus and libraries are only the means for securing the desired end.

It is believed that the Trustees of our College, when accepting the great trust committed to them, fully understood and appreciated its intent, and that through good and evil report, when assailed by enemies from without and injudicious friends within, when hindered and thwarted in their efforts by want of pecuniary means, and when supported by legislative favor or private aid, have, without swerving or hesitation, kept that intent in view as their guiding star, and in this course have been ably supported by their faculty corps.

It is a little more than twenty-one years since our doors were first opened for the admission of students, nineteen years since agricultural investigations were fairly inaugurated, and seventeen years since the graduation of the first class.

Results are now apparent, and our Trustees could with pride and satisfaction give an account of their stewardship.

Since 1868 there has been no advance in agricultural science, no positive discovery of principles in any department of agricultural effort, no demonstration of improved methods to secure the advantage of natural law, no effort made to elevate the farmer and secure him from fraud on the right hand and on the left, but what the College has led the way or been an active co-worker, until at the present time, by general consent, it is the arbiter of contested questions of science and practice.

The number of students who have pursued the full curriculum course and received the State diploma is 288, and the specials who have taken the agricultural course 470, making a total of 758 who have here received preparation for their field of labor. A large proportion of these men are now engaged in their life work. This is quite varied, but it is overwhelmingly agricultural. Forty per cent. are engaged in practical agriculture, and a very large number in pursuits intimately connected therewith. Many are teachers of the science and practice of agriculture in the field and in the younger agricultural colleges in all parts of our own country and in foreign lands, while many others are officers in the experiment stations of the different States.

In one season of financial distress the College farm in its improvement has been the greatest sufferer, yet there has been a steady advance.

The grass fields, which in 1868 produced barely 100 tons of hay, have the present year yielded 300 tons. The pasture lands have increased their feed in the same proportion, and the same may be said of the other farm crops.

The botanical, horticultural and floral department, which had no existence in 1868, has grown to large proportions. By the introduction, improvement, propagation and dissemination of shrubs, fruit and flowers, it has given a great movement in this direction over a wide extent of country, improving the tastes and beautifying the homes of our people.

The College has become an acknowledged power for usefulness in other directions, though strictly attentive to the prime object of its organization, and these results it is believed are but the precursor of still greater ones which the future will unfold.

S.

A Chemical Analysis.

BLAIR:

Possessions—Five feet tall in his boots.

Business—Raising (Hal—y).

Future—Populating Warren.

Usual Expression—There's a girl.

Common Name—Jimmy.

BROWN:

Possessions—A doll's face.

Business—Instructing his seniors.

Future—Ballet dancing.

Usual Expression—By the great horn spoon!

Common Name—Towhead.

COPELAND:

Possessions—A mosquito netting.

Business—Tucking himself under it.

Future—Taking care of babies.

Usual Expression—Hang it!

Common Name—Cope.

DAVIS:

Possessions—A wind pipe.

Business—Treading on eggs.

Future—Hand-organ and monkey.

Usual Expression—Chestnuts!

Common Name—Chestnut Davy.

EAMES:

- Possessions—Great freshness.
- Business—Eating.
- Future—Warm climate, according to his hair.
- Usual Expression—Don't say anything about freshness.
- Common Name—Kizer.

HOLLAND:

- Possessions—A green smile.
- Business—Hand raising.
- Future—Mormon elder.
- Usual Expression—Forty seven gumption cute.
- Common Name—Tutti Frutti.

HULL, '92:

- Possessions—Wash bowl and pitcher.
- Business—Not using them.
- Future—To lie abed.
- Usual Expression—Darn it!
- Common Name—Sleepy.

LORING:

- Possessions—Corn-cob pipe and three feet of rubber tubing.
- Business—Hunting English (sparrows).
- Future—A wife and ten girls.
- Usual Expression—By George!
- Common Name—Jack.

MILLS:

- Possessions—A heavenly smile.
- Business—Preaching.
- Future—Behind him.
- Usual Expression—I say!
- Common Name—Dock.

NORTH:

- Possessions—A horse's laugh.
- Business—Showing Lieut. his excuse from drilling.
- Future—Getting married.
- Usual Expression—Gee whitaker!
- Common Name—Alias Pete.

RUSSELL:

Possessions—Plants.

Business—Killing Jones.

Future—Professor of Agr.

✕ Usual Expression—Dum it!

SELLEW:

Possessions—Pipes.

Business—Raising whiskers.

Future—Telling what he used to do.

Usual Expression—By gosh!

Common Name—Bob.

STOWE:

Possessions—Freshness and a cane.

Business—Carrying a cane.

Future—To carry a cane.

Usual Expression—I have a cane!

Common Name—A. N. Stowe.

TUTTLE:

Possessions—A terrible gaul.

Business—Eating macaroni.

Future—A long ways off.

Usual Expression—By gee!

Common Name—Tutsey.

WEST, '90:

Possessions—A Prince Albert.

Business—Bargaining with Freshmen.

Future—Wheeling brimstone.

Usual Expression—Oh! my!

Common Name—Johnny.

WHITNEY:

Possessions—Agricultural reports.

Business—Selling them to Freshmen.

Future—Ward politician.

Usual Expression—Oh! you mustn't!

Common Name—Chawles.

The College Herd.

THIS herd consists of forty-seven animals all told, representing five different herds—Holstein, Freisians, Jerseys, Devons, Guernseys and Ayrshires. Only the most prominent animals will here receive special mention. The Holstein Bull, Pledge's Empire, two years and eight months old the 10th of November, is a very promising creature; sired by Empire 588, he by Billy Boelyn 189, and out of Empress 339. Billy Boelyn won seventeen first prizes, and sold for \$10,000. Sire's Dam, Empress, has a record of giving 19,714 pounds 14 ounces of milk in one year, a trifle over 54 pounds per day, as an average for the whole year.

Dam, Pledge 1,506 H. H. B., during the past summer has given the largest yield of milk on record in the world. During July and August she gave a total of 6,105½ pounds, an average of over 98 pounds per day. For 36 consecutive days, from July 6 to August 10, she gave 3,601¾ pounds, or a trifle over 100 pounds per day. The largest yield for any one day was 110½ pounds, July 31st. During this time she ran at large in a pasture where there was plenty of good feed and drinking water from a stream that ran through the lot. No additional food was given her except 16 quarts of grain per day up to July 19th; from then on 20 quarts. Grain fed dry and mixed in the following proportions: 4-9 ground oats, 4-9 coarse middlings, 1-9 corn meal. Occasionally a little oil cake was fed with the grain. Pledge is seven years old, sired by Billy Boelyn, and out of Plenty 542.

Among the Jerseys is Edithson, 8,948 A. J. C. C., six years old; sired by Ramapo 4,679, who took the double gold medal at the New York State Fair in 1885. Dam, Lass Edith 6,290, half Alpeha blood. She has a record of 17 pounds 8 ounces of butter in seven days, after second calf. Sire's dam, Eurotas, has a record of 22 pounds 7 ounces butter in seven days, and 778 pounds in eleven months.

There is nothing to attract attention among the Devons, except, perhaps, the size of Bull Senator. He weighs just one ton.

Among the Guernseys the chief attraction is Fanny 410, aged 10 years. Sire and Dam both on the Island of Guernsey. She has a record of 16¼ pounds butter in seven successive days, on feed from an average pasture, with two quarts of corn meal per day. She has won two silver medals, besides taking first and second premiums at different State and County fairs. During the past summer it was estimated that four quarts of her milk would produce one quart of cream, she having no feed except what she could get from an ordinary pasture.

There is nothing worthy of special mention among the Ayrshires.

Meteorological.

A Brief Outline of the Work to be Conducted by Prof.
C. D. Warner at Mass. Agricultural College.

THE extreme top of the tower of South College has been removed, and a platform 10-4 square substituted. The room immediately beneath, which heretofore was used only as a store-room occasionally, has been finished off, and is to contain the instruments to be used in this work. This observatory is patterned after the general plan of the one at Central Park, New York, conducted by Dr. Daniel Draper, though, of course, on a much less elaborate plan. The following instruments will be used; made and patented by said Dr. Draper: Draper's Self-Recording Thermometer, which will give a permanent and continuous record of the temperature at all times; Draper's Sun Thermometer, registering the amount of sun-light; Draper's Self-Recording Mercurial Barometer; Draper's Direction of Wind, Velocity of Wind, Force of Wind and Rain Gauge. Space will not permit of a description of these instruments. Suffice it to say they are the best obtainable.

As far as possible, a complete record of all meteorological phenomena will be kept. The temperature and pressure of atmosphere, quantity of sun-light, direction, velocity and force of wind, amount of rain-fall and depth of snow will be noted. All electrical phenomena, quantity of electricity in the atmosphere, magnetic disturbances, and the general appearance of the heavens will be recorded.

Daily, weekly and monthly records will be kept, bound and placed among the archives of the station for future reference.

Especial attention will be given to the subject of dews, which is occupying so much attention at present. Various experiments will be tried in connection with this subject.

The reason why we have so many late, cold, north winds some springs, and not others, will be looked into. Also the causes of various disturbances of the atmosphere—for instance, the turning of a storm from the track in which it started, compelling it to travel in an entirely different direction from that in which it moved at the outset, will be investigated, and brought to light as far as possible.

Class Poem.

CLASSMATES, almost three years we've spent
In our pursuit of knowledge,
And only one more year is left
Before we're done with College.

And as we pass without these doors
Into our work of life,
Let us all try to fit ourselves
To the burden of the strife.

Each man must fashion his own life ;
We'll find it always so,
But if each one will help himself
The Lord will help, we know.

We'll scatter over all the world,
In many different lands,
While some among us may be known
In undertakings grand.

Some will go North and some go South,
Yet no one can foresee
But what he'll soon be called upon
To dwell in eternity.

Then let us act from day to day
With purpose clear and wise,
So when this fleeting life is done
We'll meet above the skies.

Not Lost, But Gone Before.

“THE marriage choice of others is the inscrutable puzzle of those who have no eye for the fact that such choice is the great match of cajolery between purpose and invisible hazard, with the blessedness of many lives for stake, as intention happens to cheat accident or to be cheated by it.”

Charles F. Coburn ('78), 2d November, 1887, to Fanny Lane, at Nashua, N. H.

Joseph L. Hills ('81), 11th September, 1888, to Kate E. Conover, at New Brunswick, N. J.

Austin Peters ('81), 20th October, 1888, to Frances H. Lee, at Jamaica Plain.

Joseph B. Lindsey ('83), 20th June, 1888, to Fanny H. Dickinson, at Amherst.

Osgan H. Ateshian ('86), 12th June, 1888, to Leila E. Dewey, at Cambridge.

Frederick H. Fowler ('87), 21st June, 1888, to Martha Scott, at North Hadley.

Edward R. Flint ('87), 26th November, 1884, to Maude Hatch, at Keene, N. H.

Non Secret Societies.

College Shakesperian Club.

ORGANIZED SEPTEMBER 20, 1879.

OFFICERS.

President.

B. L. HARTWELL.

Vice-President.

H. E. WOODBURY.

Secretary.

E. P. FELT.

Treasurer.

L. F. HORNER.

Directors.

C. A. WHITNEY,

M. RUGGLES.

F. W. MOSSMAN.

MEMBERS.

Seniors.

B. L. Hartwell,

D. L. Hubbard,

A. L. Miles,

C. A. Whitney,

A. M. Nourse,

H. E. Woodbury.

Juniors.

T. P. Felton,

E. Gregory,

F. W. Mossman,

G. B. Simonds.

Sophomores.

E. P. Felt,

L. F. Horner,

H. N. Eaton,

W. A. Brown,

M. A. Carpenter,

E. Lindsey,

M. Ruggles.

Freshmen.

H. E. Crane,

E. T. Clark.

Young Men's Christian Association.

OFFICERS.

President.

A. M. NOURSE, '89.

Vice-President.

T. P. FELTON, '90.

Recording Secretary.

E. P. FELT, '91.

Corresponding Secretary.

J. S. WEST, '90.

Treasurer.

W. W. GAY, '90.

Devotional Committee.

A. L. MILES, '89, F. O. WILLIAMS, '90, J. B. HULL, '91.

Membership Committee.

F. W. MOSSMAN, '90,

E. P. FELT, '91,

W. A. BROWN, '91,

H. T. SHORES, '91,

A. M. BELDEN, '91.

MEMBERS.

Active.

Rev. Charles S. Walker, Ph. D.

1889.

A. L. Miles,

A. M. Nourse,

F. W. Davis.

1890.

T. P. Felton, F. O. Williams, F. J. Smith,
F. W. Mossman, J. S. West,

1891.

A. M. Belden, E. P. Felt, W. A. Brown, W. W. Gay,
L. F. Horner, J. B. Hull, H. T. Shores.

1892.

P. A. Chamberlain, E. T. Clark, G. W. Haley,
C. De H. Condit, R. P. Davidson, J. E. Bardin.

Associate.

1889.

H. E. Woodbury, C. E. Bliss.

1890.

Edgar Gregory.

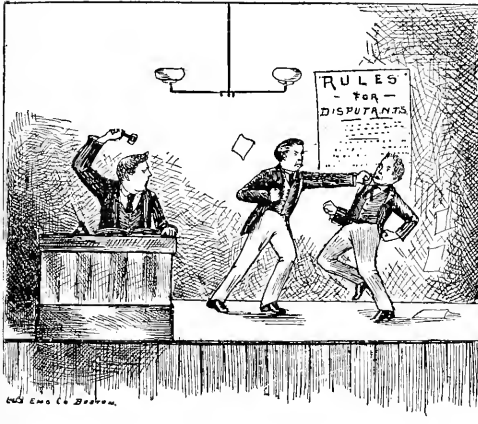
1891.

A. H. Sawyer, F. L. Arnold,
Murray Ruggles, H. F. Tuttle.

1892.

H. M. Howard, F. G. Stockbridge,
H. E. Crane, W. J. Goldthwait, Jr.,
H. N. Eaton, H. M. Thompson,
Wm. Fletcher, W. B. Emerson,
Ernest Lindsey, C. S. Nauss.





Washington Irving Literary Society.

ESTABLISHED 1868.

OFFICERS.

President.

C. A. WHITNEY, '89.

Vice-President.

T. P. FELTON, '90.

Secretary.

F. L. ARNOLD, '91.

Treasurer.

G. B. SIMONDS, '90.

Directors.

B. L. HARTWELL, '89,

W. E. TAFT, '90,

M. A. CARPENTER, '91.

MEMBERS.

'89.

B. L. Hartwell,
A. L. Miles,

A. M. Nourse,
C. A. Whitney.

'90.

T. P. Felton,
F. J. Smith,
J. S. West,
A. N. Stowe,

W. E. Taft,
J. S. Loring,
G. B. Simonds,
C. H. Jones.

'91.

E. P. Felt,
J. E. Phillips,
W. A. Brown,

F. L. Arnold,
M. A. Carpenter,
H. N. Eaton.

'92.

C. De H. Condit,
H. M. Howard,

J. E. Bardin,
P. A. Chamberlain,

F. G. Stockbridge.



Miscellaneous 

 Organizations.



Foot Ball Association.

OFFICERS.

President.

A. M. NOURSE.

Business Manager.

A. D. COPELAND.

Secretary and Treasurer.

E. GREGORY.

Directors.

A. D. COPELAND,

A. M. BELDEN,

A. C. McCLOUD,

H. E. CRANE.

AGGIE ELEVEN.

Rushers.

W. A. Kellogg,
B. L. Hartwell,
M. A. Carpenter,

C. S. Crocker,
J. S. Loring,
M. Ruggles,

J. T. Hutchings.

Quarter-Back.

E. Gregory.

Half-Backs.

A. D. Copeland,

A. M. Nourse, Capt.

Full-Back.

T. Hoar.

Substitutes.

J. M. Herrero,
C. M. DuBois,J. B. Hull,
H. N. Legate.

CLASS TEAMS.

'89.

Rushers.

C. S. Crocker,
B. L. Hartwell,
D. L. Hubbard,W. A. Kellogg,
C. A. Whitney,
H. E. Woodbury,

J. T. Hutchings.

Quarter-Back.

J. R. Blair.

Half-Backs.

A. M. Nourse,

A. D. Copeland, Capt.

Full-Back.

A. L. Miles.

Substitutes.

M. North,

R. P. Sellew.

'90.

Rushers.

J. S. Loring,
C. M. DuBois,
D. Barry,G. B. Simonds,
T. P. Felton,
F. L. Taylor,

G. A. Goddard.

Quarter-Back.

A. C. McCloud.

	Half-Backs.	
E. Gregory,		J. M. Herrero, Capt.
	Full-Back.	
	J. S. West.	
	Substitutes.	
A. M. Castro,	C. H. Jones,	W. E. Taft.

'91.

	Rushers.	
M. Ruggles,		F. S. Gorham,
M. A. Carpenter,		J. E. Phillips,
W. A. Brown,		C. H. Johnson,
	H. J. Field.	

Quarter-Back.

W. C. Paige.

Half-Backs.

J. B. Hull, Capt.,		H. N. Legate.
	Full-Back.	
	A. M. Belden.	

'92.

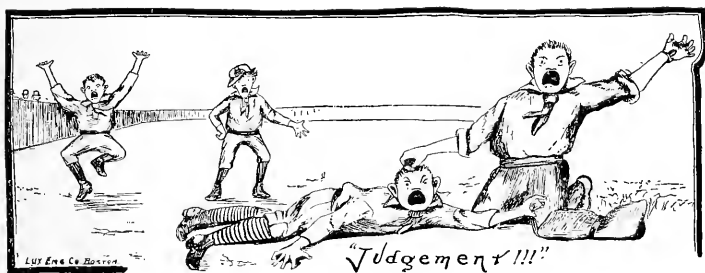
	Rushers.	
H. M. Howard,		C. De H. Condit,
C. S. Graham,		B. Sedgwick,
J. E. Bardin,		H. E. Crane,
	C. A. Magill.	

Quarter-Back.

H. F. Stone.

Half-Backs.

T. Hoar,		G. B. Willard, Capt.
	Full-Back.	
	W. Fletcher.	



Base Ball Association.

OFFICERS.

President.

J. T. HUTCHINGS.

Secretary and Treasurer.

G. A. GODDARD.

Directors.

A. M. NOURSE,

J. B. HULL,

A. C. McCLOUD,

T. HOAR.

COLLEGE NINE.

T. Hoar, p.

D. W. Dickinson, c., Capt.

H. L. Russell, 1 b.

M. Ruggles, 2 b.

F. A. Farrar, 3 b.

A. C. McCloud, s. s.

J. B. Hull, l. f.

E. Gregory, c. f.

W. C. Paige, r. f.

CLASS NINES.

'89.

J. T. Hutchings, Capt., p.

C. A. Whitney, c.	C. S. Crocker, s. s.
A. M. Nourse, 1 b.	A. D. Copeland, l. f.
H. E. Woodbury, 2 b.	B. L. Hartwell, c. f.
W. A. Kellogg, 3 b.	A. L. Miles, r. f.

'90.

D. W. Dickinson, Capt., p.

A. C. McCloud, c.	J. M. Herrero, s. s.
H. L. Russell, 1 b.	F. L. Taylor, l. f.
E. Gregory, 2 b.	G. A. Goddard, c. f.
A. N. Stowe, 3 b.	D. Barry, r. f.

Substitutes.

J. S. Loring,	F. J. Smith.
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Scorer.

C. H. Jones.

'91.

J. B. Hull, Capt., p.

W. C. Paige, c.	J. E. Phillips, s. s.
M. Ruggles, 1 b.	H. F. Tuttle, l. f.
H. N. Legate, 2 b.	L. F. Horner, c. f.
A. M. Belden, 3 b.	C. H. Johnson, r. f.

Substitutes.

M. A. Carpenter,	H. J. Field,
O. M. V. Lage.	

'92.

A. N. Stowe, Capt., p.

A. M. Castro, c.	C. A. Whitney, s. s.
T. P. Felton, 1 b.	J. S. West, l. f.
R. P. Sellew, 2 b.	A. G. Eames, c. f.
J. R. Blair, 3 b.	J. E. Phillips, r. f.



M. A. C. Tennis Association.

OFFICERS.

President.

M. NORTH, '89.

Secretary and Treasurer.

G. A. GODDARD, '90.

Directors.

C. S. CROCKER, '89,

W. C. PAIGE, '91,

H. L. RUSSELL, '90,

W. J. GOLDTHWAIT, Jr., '92.

MEMBERS.

The whole College.

(61)

M. A. C. Wheel Club.

OFFICERS.

President.

J. T. HUTCHINGS, '89.

Vice-President.

W. E. TAFT, '90.

Captain.

E. GREGORY, '90.

Secretary and Treasurer.

A. M. BELDEN, '91.

Sub-Captain.

J. E. DEUEL, '92.

Machine Cleaner.

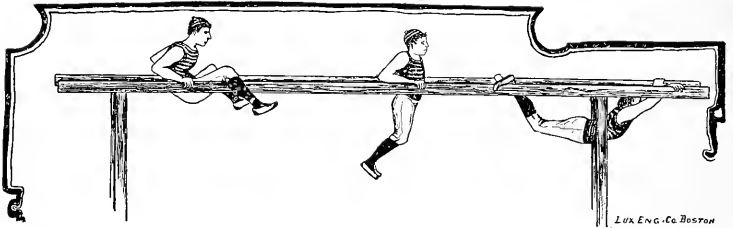
E. LINDSEY, '92

MEMBERS.

<i>Name.</i>	<i>Size of Machine.</i>	<i>Make.</i>
J. T. Hutchings, '89.	53 inch.	Columbia.
D. W. Dickinson, '90.	54 "	Columbia.
E. Gregory, '90.	54 "	Columbia.
W. E. Taft, '90.	56 "	Harvard.
J. S. West, '90.	48 "	Columbia.
A. M. Belden, '91.	52 "	Columbia.
E. Lindsey, '91.	50 "	Rudge.
J. E. Deuel, '92,	50 "	Rudge.
A. G. Faneuf, '92.	52 "	Rudge.
C. M. Hubbard, '92.	50 "	Springfield Roadster.
R. P. Lyman, '92.	48 "	Star.
C. A. Magill, '92.	52 "	Columbia.
H. C. West, '92.	48 "	Columbia.

- E. Gregory.—Easy rider on a split machine.
J. S. West.—High-flyer with a kerosene can aboard.
J. T. Hutchings.—Expert rider with half a handle.
H. C. West.—Fancy performer of the side-pedal mount.
W. E. Taft.—Long-legged racer.
A. M. Belden.—The ladies' darling.
C. M. Hubbard.—Sunderland's great and only.
A. G. Faneuf.—Barnum's Baby Elephant rider.
C. A. Magill.—A ——— shape ———.
J. E. Deuel.—Skating-rink artist.
E. Lindsey.—New green member.
R. P. Lyman.—The only man who can't take headers.





M. A. C. Athletic Association.

OFFICERS.

President.

A. D. COPELAND, '89.

Secretary and Treasurer.

H. L. RUSSELL, '90.

Directors.

H. E. WOODBURY, '89,

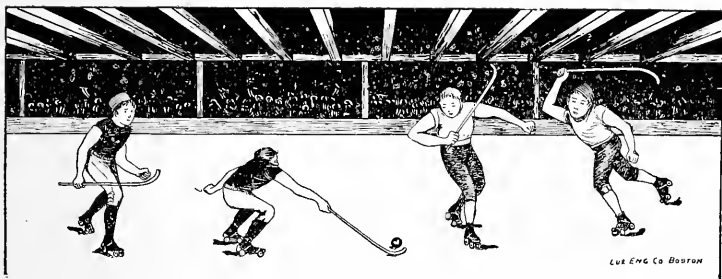
W. E. TAFT, '90,

M. RUGGLES, '91,

F. J. MACDONALD, '92.

MEMBERS.

The whole College.



M. A. C. Polo Club.

OFFICERS.

President.

T. RICE.

Secretary and Treasurer.

E. GREGORY.

Manager.

A. C. McCLOUD.

COLLEGE TEAM.

E. Bush, Capt., centre rush.

C. E. Bliss, 1st rush.

T. Rice, half-back.

G. E. Newman, 2nd rush.

G. E. Richards, goal.

SECOND TEAM.

W. H. Pond, centre rush.

S. N. Braman, 2nd rush.

E. Gregory, 1st rush.

C. H. Jones, half-back.

A. C. McCloud, Capt., goal.

Substitutes.

H. T. Sanderson,

J. M. Herrero.



Musical Association.

COLLEGE CHOIR.

Organist.

F. W. Davis.

B. L. Hartwell, 1st Tenor.

G. B. Willard, 1st Tenor.

A. M. Belden, 2nd Tenor.

C. S. Nauss, 2nd Tenor.

C. H. Johnson, 1st Bass.

W. A. Brown, 1st Bass.

A. M. Nourse, 2nd Bass.

H. E. Woodbury, 2nd Bass.

COLLEGE QUARTETTE.

B. L. Hartwell, 1st Tenor.

H. F. Tuttle, 2nd Tenor.

A. M. Belden, 1st Bass.

H. E. Woodbury, 2nd Bass.



Military.

BATTALION ORGANIZATION.

Commandant and Instructor.

1st Lieut. Geo. E. Sage, 5th Artillery, U. S. A.,
Professor of Military Science and Tactics.

Commissioned Staff.

First Lieutenant and Adjutant, H. E. Woodbury.
First Lieutenant and Quartermaster, C. A. Whitney.
First Lieutenant and Acting Adjutant, A. L. Miles.

Non-Commissioned Staff.

Sergeant-Major, A. N. Stowe.
Quartermaster-Sergeant, J. S. West.

COMPANY A.

Officers.

Captain, J. R. Blair.
First Lieutenant, D. L. Hubbard.
Second Lieutenant, J. T. Hutchings.
First Sergeant, D. Barry.
Duty Sergeant, E. Gregory.
Corporal, A. C. McCloud.

Privates.

Arnold,	Gay,	Mossman,
Bardin,	Graham,	Ruggles,
Castro,	Haskins,	Stockbridge,
Clark,	Herrero,	Stone,
Davidson,	Hubbard,	Tuttle,
Eames,	Johnson,	Tyng, G. R.,
Farrar,	Lindsey,	Willard,
Field,	MacDonald,	Williams.

COMPANY B.

Officers.

Captain,	B. L. Hartwell.
First Lieutenant,	F. W. Davis.
Second Lieutenant,	C. S. Crocker.
First Sergeant,	T. P. Felton.
Duty Sergeant,	—
Corporal,	C. M. Du Bois.

Privates.

Belden,	Gorham,	Paige,
Boynton,	Holland,	Rogers,
Condit,	Horner,	Sawyer,
Deuel,	Hull,	Simonds,
Dickinson,	Jones,	Taylor,
Emerson,	Magill,	Thompson,
Faneuf,	Nauss,	Williams,
Felt,	North,	Wood.

COMPANY C.

Officers.

Captain,	A. M. Nourse.
First Lieutenant,	W. A. Kellogg.
Second Lieutenant,	A. D. Copeland.
First Sergeant,	H. L. Russell.
Duty Sergeant,	—
Corporal,	G. B. Simonds.

 Privates.

Carpenter,	Hoar,	Sedgwick,
Chamberlain,	Howard,	Shores,
Crane,	Hull,	Smith,
Eaton,	Lage,	Taft,
Field,	Legate,	Taylor,
Fletcher,	Loring,	Tyng, C.,
Goddard,	Lyman,	Weed,
Goldthwait,	Phillips,	West.

ARTILLERY DRILLS.

Assistant Instructors, . . .	Cadets of Senior Class.
Cannoneers,	Cadets of Junior and Sophomore Classes.

SABRE DRILLS.

Assistant Instructors, . . .	Cadets of Senior Class.
Detachments,	Cadets of Junior and Sophomore Classes.

MORTAR DRILLS.

Assistant Instructors, . . .	Cadets of Senior Class.
Cannoneers,	Cadets of Junior and Sophomore Classes.

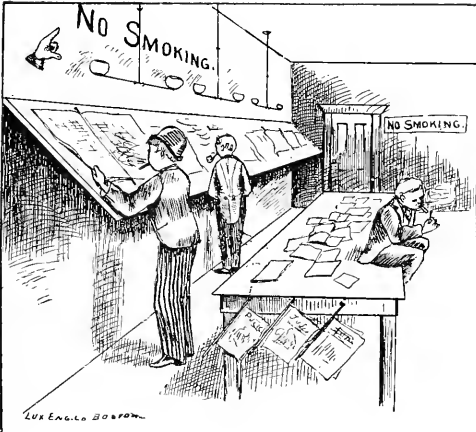
APPOINTMENTS.

Staff and Commissioned Officers are selected from the Senior Class.

Non-Commissioned Staff and Sergeants are selected from the Junior Class.

Corporals are selected from the Junior and Sophomore Classes.

All members of the Senior Class are required to act as instructors at the various drills, and as such, are subject to regular details.



College Reading Rooms.

OFFICERS OF THE ASSOCIATION.

President.

C. A. WHITNEY, '89.

Secretary and Treasurer.

J. S. WEST, '90.

Directors.

J. R. BLAIR, '89,
W. E. TAFT, '90,

A. M. BELDEN, '91.
A. R. WOOD, '92.

 NEWSPAPERS AND PERIODICALS.

Dailies.

Boston Journal,	New York Tribune.
Boston Herald,	Springfield Republican.

Popular Weeklies.

Puck,	Judge,
Time,	Texas Siftings,
Youth's Companion,	The Nation,
Leslie's Illustrated Weekly,	Illustrated London News,
Harper's Weekly,	Chicago Weekly News.

Magazines.

Harper's,	Outing,
Scribner's,	Forum,
North American Review,	Century,
Contemporary Review,	Chautauquan,
Popular Science Monthly,	Nineteenth Century,
Quarterly Journal of Economics,	Political Science Quarterly.

College Publications.

Brunonian,	Dartmouth,
Williams Weekly,	Yale Record,
Amherst Student,	Harvard Daily Crimson.

Agricultural.

The Hog,	The Industrialist,
Dairy World,	Breeders' Gazette,
Farmers' Review,	Country Gentleman,
Farm Journal,	Massachusetts Ploughman,
Rural New Yorker,	New England Homestead,
Nebraska Farmer,	Our Grange Homes,
Colorado Farmer,	Colman's Rural World,
Southern Cultivator,	Swine Breeders' Journal,
Live Stock Journal,	Holstein-Friesian Register,
Southern Planter,	American Sheep Breeder,
Pacific Rural Press,	National Live Stock Journal,
American Cultivator,	New England Farmer,
American Agriculturist,	Poultry Monthly (No. 3).
American Veterinary Review,	Journal of Agriculture (Quebec).

Botanical and Horticultural.

Garden (London),	Revue Horticole,
American Florist,	Gardener's Chronicle,
Canadian Horticulturist,	Garden and Forest,
Journal of Horticulture,	Botanical Gazette,
Horticultural Art Journal,	Bulletin of Torrey Botanical Club,
	American Garden.

Scientific.

Scientific American (with supplement),	Nature,
American Naturalist,	Science,
Journal of Morphology,	Analyst,
Agricultural Science,	Chemical News,
Popular Science News,	American Chemical Journal,
Entomological Americana,	Canadian Entomologist,
Journal of the Chemical Society,	Journal of Comparative Medicine and Surgery.

Religious.

Congregationalist,	Watchman,
Christian Register,	Intercollegian,
Missionary Herald,	Independent,
New Church Messenger,	Sunday School Times,
Illustrated Christian Weekly,	Christian Union.

Miscellaneous.

British Bee Journal,	Woman's Journal,
American Agriculturist,	Amherst Record,
American Bee Journal,	Ægis and Gazette,
Bee Keepers' Guide,	Gazette and Courier,
Bee Keepers' Magazine,	Farmington Chronicle,
Canadian Bee Journal,	Our Dumb Animals,
Canadian Honey Producer,	Western Resources,
	Gleanings in Bee Culture.

Respite.

NOT least among the pleasures of the "Aggie" student, are the visits to the annual cattle shows, which occasions are hailed as gala days, in the midst of the dreary routine of college life. During the present year we have been more highly favored than in previous ones, as to the number and quality of shows exhibited.

Of course, we had a day off to attend our own county show at Amherst, and despite the dampening effects of rain, and a postponement, it proved to be one of the finest exhibits the society ever held.

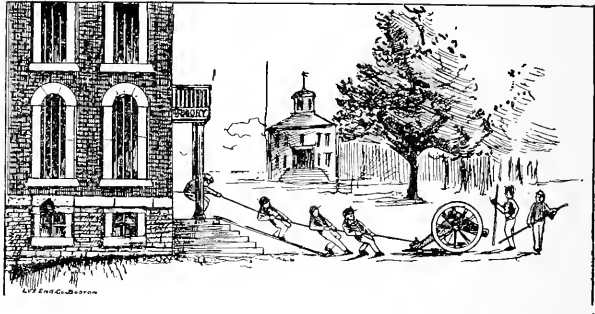
"Later on" we were pleased to accept a cordial invitation, sent us by the committee in charge, to attend, as a military company, the cattle show to be held at Belchertown on Oct. 2nd; the number of men to be limited to fifty, the expenses of coming and going to be defrayed by them, and a dinner to be furnished free of charge. Of our entertainment there we can speak only in the highest terms. A prominent feature was the turkey dinner, served by the ladies of the M. E. Church. Words fail us in our attempt to express the satisfaction we experienced while partaking of the abundance there provided, either as to the quality of the viands, the manner in which we were served, or the refreshing glimpses of the intelligent and attractive faces of our entertainers, that we occasionally caught as they moved about among the tables and to and from the kitchen while waiting upon us. In the afternoon we were to have given an exhibition drill, but owing to the inclement weather nothing but dress parade was attempted. After supper we fell into line, the company was put in motion, and to the tune of "The Girl I Left Behind Me" turned our backs to the scene of the day's pleasures, with a mixture of feelings, the predominant one being that, despite the disagreeable state of the weather, the day had been an enjoyable one.

Six days after this trip occurred the *nee plus ultra* of our anticipations, namely, a trip to Springfield to attend the second exhibition of the

Bay State Agricultural Society. At seven o'clock on the morning of Oct. 5th the assembly was sounded, and the battalion formed in line, then marched to the Central Massachusetts station and took the train for Springfield, via Northampton. On board the cars military restrictions were relaxed and our trip enlivened by many an old "chestnut" college song. We arrived at Springfield about ten o'clock, and falling into line the battalion marched to Hampden Park to the lively music of the drum corps. After stacking arms near the grand stand the battalion broke ranks, a guard was detailed to take charge of the equipments, and we were at liberty to ramble at will about the grounds, examining the fine stock, machinery, etc., on exhibition. At two o'clock the assembly was sounded, the battalion formed and marched to the track in front of the grand stand, where dress parade was formed under the inspection of Gov. Ames and staff, followed by a sabre drill, which was well applauded by the spectators. Then came the long tramps through Horticultural Hall, which were enjoyed and appreciated to a greater or less extent by all. As we looked at the display of fruit from the "Aggie" farm we could not help wondering from what part of the college domains such enticing looking fruit had been gathered, for, during our rambles over the farm, we had never met with anything half so tempting. Of course, not having made special search for anything of the kind, such an oversight on our part is excusable; still, we could not help "wondering" for all that. In the evening some went to see a presentation of "McKenna's Flirtation" at the Opera House, while others visited with friends in or about the city.

The next day, after visiting various points of interest or taking another look at the exhibits, we boarded the train at about five o'clock and were, all too soon, obliged to wend our way back to our college quarters. Thus it is we enjoy the short respites from the tedium of college routine, and for the sake of those that come after, we earnestly hope that trips to various points of interest, as a college, will become an established custom in the years to come.





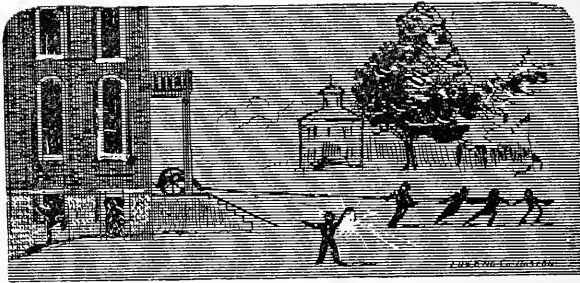
Tale of the Cannon Racket.

IN THREE PARTS.

PART I.

You whose hearts are full of mischief,
While your College life are living,
Who believe that in all ages
Each and every heart is human,
That in every student's bosom
There are longings, yearnings, strivings,
To put up little rackets
On the simple, silly Freshmen.
You, who once have felt these yearnings,
Though your College life's completed,
You, who now start in upon it,
Listen to this simple story;
Listen to the "Cannon Racket."
In a peaceful, placid valley,
Where a pleasant water courses,
Lies a quiet little village;
And about a mile beyond it
Stands the grand old Aggie College.
There it is an honored custom

For the Freshmen, 'ere the year ends,
To attempt a celebration.
Now the reckless Sophs. who dwell there
Do not wish to hear the booming
Of the Lieut's two big brass cannon,
As they echo o'er the campus
At about the hour of midnight.
So one Wednesday, 'ere the term closed
All the Freshmen got together,
And the Juniors came to help them,
To prepare a mighty scheme there,
Which would balk the class of '90
In the bold, bad undertaking
Which 'twas thought they would engage in.
'Twas the stealing of their cannon
That the Freshmen wished to hinder.
When the hour of drill was over
They were gathered on the campus.
Quick they seized upon a cannon,
Braced their muscles all together.
Billy Pond was head director
With the help of Woodbury Junior,
And the line of march was taken
Rapidly across the campus
To the Armory, barred and bolted.
Deacon Gay was there, with glasses,
Watching, lest that class of '90
Should make one last, bold endeavor
To obtain the sole possession
Of, at least, the sponge and rammer.
But the Sophs. were out of hearing
Quiet all, as on a Sunday.
So they pushed it through the doorway,
Ruggie heaving on the rear wheel,
Long-legged Carpenter assisting.
Even Kizer, Mike, and Tutsy,
Came around to do the bossing.
And at last they rolled it in there,
Saw that all the locks were fastened
Then departed, well contented
That the Sophs. they'd circumvented
By this easy undertaking.

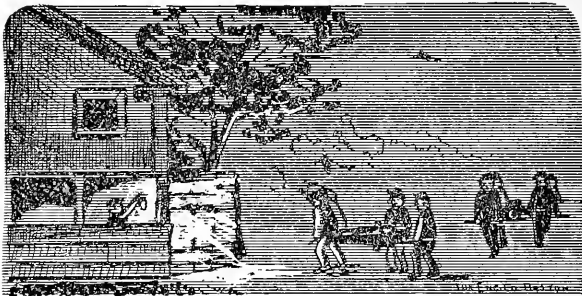


PART II.

'Twas a Thursday eve in June time,
 Dark and foggy were the heavens;
 All the students there were sleeping,
 And the Freshmen, all were dreaming
 Of the way they'd beat poor '90;
 When, a little after midnight,
 Each on tiptoe softly stepping,
 Noiseless forms passed down the stairway,
 Out across the campus glided
 To the Armory, barred and bolted,
 Where was safely placed the cannon.
 Jack was out and so was John S;
 Marblehead was represented,
 Hadley, Berlin, Westfield, Dedham,
 Ashby, Littleton, and Cuba.
 All the towns that could be thought of,
 Had sent out a delegation.
 Quickly to a window went they,
 Raised it up and then they entered,
 Tried the door, and soon it yielded
 To the unknown code of tactics
 Which the men had come prepared with.
 Softly now a few went in there
 By the side of the lone cannon,
 While without, the rest were watching,
 Lest some poor belated student
 Should by chance come wandering by there.

Many times they started moving,
But some sudden noise would stop them.
Rich. was hindered by his best girl
From retiring to his slumbers
At his usual early hour.
But at last all was auspicious
And the time for action coming,
Gently back—the door—they pushed it,
Fearing, lest the creaking hinges
Should disturb the peaceful slumber
Of the unsuspecting Freshmen.
Seized they then the brazen field piece,
Seized they every one upon it,
And with greatest care, preventing
E'en the slightest sound escaping
Rolled they it upon the greensward.
Then the line of march was taken
Down the roadway, towards the barnyard,
Round the corner by the sheep-pen
Where they stopped, and gathered quickly
All the implements for digging.
Then, within the sheep-pen going,
They commenced their task of labor.
Soon a grave was dug as deeply
As would hold a class of Freshmen.
Then "dismounting piece," they laid it
Gently in the grave's wide bosom.
Back again, they took the limber,
Quietly placed it in the Armory
And the other piece they drew off,
Which they put with its companion
In the grave prepared so well there,
In the sheep-pen by the barnyard.
Carefully they threw the earth back,
Scattered straw with skill upon it,
Stamped it down, then drew the sheep-rack
O'er the place of excavation,
Lest the Freshmen, in their searching,
Should discover signs of burial.
To destroy all trace of wheel tracks,
Went those men into the milk-room,
Took the hose and sprinkled water,
O'er the earth for yards about there.

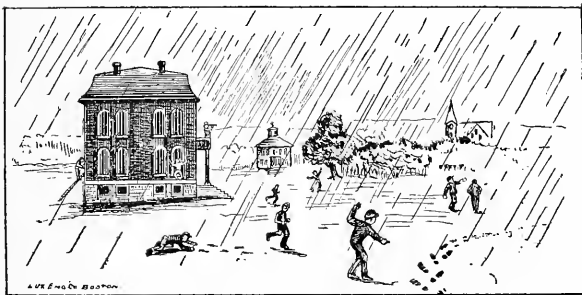
Now at last their labor ended
 As the dawn was coming fast,
 To their bedrooms they ascended
 And again all slumbered sound.
 Thus it was that '90 "got there,"
 And, with skill no craft could beat,
 Spoilt the "racket" of the Freshmen
 And returned in peace to sleep.



PART III.

Gleefully arose the Freshmen,
 Thought they then with great delight
 Of the way they'd saved their cannon
 By the Juniors' good advice.
 Soon they started out for breakfast,
 They must eat strong food to-day,
 For to-night 's the celebration,
 And their strength must be kept up.
 As they walk along the campus
 Lo! they see one piece is gone,
 But of course the other's ready,
 Kept by two or three strong locks;
 Still they think they'll take a peep in
 Just to see how nice it looks.
 But one glance has made them shiver,
 For they see their cannon's gone.
 Consternation rises quickly,
 Where? How? When? What shall we do?
 Are the questions that come pouring

As they gather in a crowd.
Richy says, "Class meeting quickly."
There they talk, 'tis little good,
For they cannot be decided
On the thing they'd better do.
Out they come and then they scatter,
O'er the country far and near,
Looking in the strangest places
For the means to shoot this evening.
Down the drains, and in the cornfield,
In the swamp, and 'round the barn,
Wander the heart-sickened Freshmen,
As they try to find their gun.
Farmer Wright, who knows their greenness,
Gives them each a fork in hand,
And down cellar quickly speed they
Where they labor, but in vain.
Thus the day is spent in looking
For the guns they never found,
And by evening they are tired,
Both in body and in mind.
Still they think that noise they must have,
And they to the mortars go;
But again they are disheartened,
For the noise their powder made
Did not reach the ears of students
Who near by in slumber lay.
Thus the Freshmen's night was ended,
And 'tis said by all around
'Twas the poorest ever held here,
Thanks to '90's skill so sound.



Annales.

1887.

- DEC. 1. Labor on the '90 INDEX begins.
8. Prof. Warner wears a straw hat.
Dec. 15. The '88 INDEX appears; *adde parum parvo, magnus acervo erit.*
16. Fall Term closes.

1888.

- Jan. 4. Winter Term begins.
21. Polo, Aggie vs. Amherst; 8 to 7.
26. '91 bolts on Prof. "Sammy."
Feb. 10. Major returns from Washington.
11. Prex. inspects—death to cobwebs.
11. Polo, Aggie vs. Reads; 2 to 3.
18. Polo, Aggie vs. Reads; 5 to 4.
25. Polo, Aggie vs. Reads; 6 to 3.
Mar. 9. Major goes to Washington.
11. Prof. Walker forgets his necktie.
18. Rev. A. B. Bassett, former Professor of Mathematics, preaches in the chapel.
19. The Freshmen have their ropes stolen.
20. '89 bolts on Prof. Wellington.
April 11. '90 bolts on Prof. Warner.
13. '90 bolts on Prex.
13. Base-ball, '88 vs. '90; 9 to 6.
17. '89 bolts on Prex.
18. '90 bolts on Prof. Warner.
21. Base-ball, Aggie vs. Northampton; 6 to 4.
24. Base-ball, '88 vs. '91; 21 to 18.
28. Arbor Day. '90 and '91 set out class trees.
20. Prof. Wellington bolts on '89.

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- May 2. Prof. Wellington bolts on '89.
 2. '89 waits for Prof. "Sam" on account of rain.
 3. '90 cuts Prof. "Sammy" to see base-ball game.
 5. Base-ball, Aggie *vs.* Williston ; 23 to 22.
 8. '90 put on probation for cutting May 3rd.
 31. Base-ball, Aggie *vs.* Williston ; 12 to 14.
- June 1. Base-ball, '89 *vs.* '90 ; 7 to 35.
 5. Base-ball, Aggie *vs.* Holyoke ; 7 to 9.
 13. '91 puts the cannon in the Armory.
 14. '90 buries both cannon in the sheep-pen.
 15. Freshmen hunt cannon.

Commencement Exercises.

17. Baccalaureate Sermon by Dr. Walker ; address before the Y. M. C. A. by Rev. Calvin Stebbins, of Worcester, at 8 P. M.
 18. Grinnell Prize Examination of the Senior Class in Agriculture. Standing Gun Drill, Mortar Practice and Bayonet Exercise at 4:30 P. M.
 Kendall Prize Speaking at 8 P. M.
 19. Alumni Meeting at 8:30 A. M.
 Graduating Exercises at 10 A. M.
 20. Examination of candidates for admission at the Botanic Museum.
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- Sept. 4. Examination of candidates for admission at the Botanic Museum.
 5. Fall Term begins.
 13. Foot-ball, '89 *vs.* '90 ; 20 to 5.
 14. '90 released from probation.
 16. New order of service in chapel.
 17. Invitation to Bay State Fair.
 21. '91 bolts on Prof. "Sammy."
 30. Rev. Mr. Dickerman preaches in the chapel.
- Oct. 2. Go to fair at Belchertown.
 6. Foot-ball, Trinity *vs.* Aggie ; 28 to 0.
 9. College attends the Bay State Fair.
 13. Foot-ball, Aggie *vs.* Williston ; 27 to 0.
 25. Foot-ball, '91 *vs.* '92 ; 20 to 4.
 '89 bolts on Prof. Wellington.
 23. F. K. Sanders, general secretary of the Intercollegiate Y. M. C. A., delivers an address in the chapel.
 30. Prex. gives some practical advice on the use of the gymnasium.
- Nov. 17. Foot-ball, Aggie *vs.* Williston ; 18 to 9.

An Ideal Love Letter.

MY DULCINEA :

Here you have at your feet, Oh Queen of Beauty, a mortal who adores you and in whose heart there has been an aching void, since the very first moment that he had the good fortune of gazing at your majestic countenance. I have seen in you the angel of my secret adorations and words are a little less than nothing to express my feelings. I love you as the butterflies love the sweet flowers from which they suck the honey. I love you as Abelardo loved Eloise ; Paulo, Virginia, and Romeo, Juliet. As a wrecked mariner clings to the life-preserver, which in the dark tempest and among the turbulent waves is his only hope of salvation, so my darling, do I cling to you. Fail me, Oh fail me not. Let thy love buoy up my soul. Take me for thine own, and by your acceptance of my all, save me from a dark fortune, turning fear into gladness, earth into heaven!

DON QUIXOTE.

Stray Whiskers.

PROF. ALVORD.—“Eight times nine are sixty-two.” (Applause.) “No, sixty-four.” (Increased applause.)

Prof. Fernald (four minutes after bell rings).—“You gentlemen are proverbially late, if it continues you must consult the President.”

Prof. Walker (to Barry).—“In monosyllabic words, on which syllable does the accent fall?”

Barry.—“On the first.”

Prof. W.—“Why not on the last.”

Barry.—“Don't know.”

Prof. Maynard.—“Mr. Tyng, what is an aerial root?”

Tyng.—“A subterranean root.”

Lieut. Sage.—(Gregory, straddling a beam at the top of the drill hall)—
“Why in the d—l can't Gregory lift up that beam?” (Beam weighed 500 pounds.)

Prex.—“Belden, what gender is cousin in French?”

Belden.—“I don't know.”

Prex.—“Why, it is like a South Hadley cousin.”

Prof. Stock.—“Some of them farm folks have stolen my coulter.”

Prof. Warner.—“Gentlemen, I had forty logarithm books which cost fifty cents apiece, and now I have only four. It is strange where they have all gone.”

Prof. Wellington.—“Mr. DuBois, are you tired?”

DuBois.—“No, sir.”

Prof. W.—“Then please not look as though you were.”

Notice.—For further information regarding the Junior class communication of last year, see the '78 INDEX.

Mossman does not believe that you can get thirteen two-cent stamps for a cent and a quarter.

Prof. Fernald puts the roots of the Protozoan tree way down in the deep subsoil of our ignorance.

Notice.—It is forbidden to ask “Mac” to go to the barn for a quart of milk with only five cents in his pocket.

Gregory—(giving his orders to another guard).—“If the nuisance is great discharge your piece.”

Attention.—Laughing gas will be furnished for these jokes by applying to the Business Manager of the INDEX.

Quotations.

“HELL is empty and all the devils are here.”

—*Shakespeare.*

Faculty.—“For we are animals no less, although of different species.”

Carpenter.—“At each step I feel my advanced head knock out a star in heaven.”

Castro.—“My friends, I’ll tell you his chief passion;
It was a girl to be a mashin’.”

’89.—“A mighty power is passing from us.”

’90.—“*Sub hoc signo vinces.*”

’91.—“*Ex nihilo nihil fit.*”

’92.—“The maternal milk scarce dry upon their lips.”

Tyng.—“The soul of this man is in his clothes.”

McCloud, Farrar, Tyng.—“All Gaul is divided into three parts.”

“Mac.”—“Oh, midnight specter that I am, in many a dreary bower I’ve lingered round a cigarette and oft did beg to ‘puff an hour.’”

Condit.—“Thou com’st from Jersey meadows fresh and green.”

Brown.—“I am a sweet-faced youth.”

Felton.—“Much could have been made of him,
Had he been caught young.”

Felt.—“He seldom smiles.”

Hull, ’92.—“Thou, Bertha, thou hast metamorphosed me,
Made me neglect my studies, lose my time.”

Farrar.—“What’s your name, Master Tapster?” “Bum, sir.”

Smith, ’90.—“I know it is a sin,
For me to sit and grin.”

Prof. “Stock.”—“In short, in matters vegetable, animal and mineral,
I am the very model of a ‘soft snap’ Prof-in-gineral.”

Russell.—“Neither a borrower or a lender be.”

Gorham.—“His frame is huge, and thus beguiles
The nature gentle as a child’s.”

Jones.—“He thought, and thought, and thought; till at last he grew so
thin,
That there was nothing left of him but just his bones and skin.”

Davidson.—“Talks as familiarly of roaring lions as maidens of fifteen do of
puppy dogs.”

Choir.—“Good people, but bad musicians.”

Hoar.—“A lank, lean, mercurial youth who looked like a barometer.”

The following bill has come to our notice, supposed to have been
dropped by some harmless lunatic of the milder type:

BILL.

To chemicals wasted on '91 and '92,	\$ 7.995
Chemicals wasted by Juniors,	2.005
	\$10.00

Put your name down here!

To one matress,	\$.02
Two quarts alcohol (watered) @ 65c.,	1.30
One alcohol bottle (Warner’s Safe Cure),05
Two test tubes (cracked),10
Gas (unlimited, concentrated, insuppressible),
Use of gasoline,99
Use of one-quarter of a Bunsen burner (begrudged),75
Wear of threshold, oil for door hinges, etc.,18
Other indispensables,	1.50
	\$4.89

Private account with

To instruction past and “later on,”	\$ 1.50
Not being plucked,	7.00
Unlimited gall expended for various purposes,10
	\$8.60
Total,	\$23.99
Interest 3 mo.,35985
Grand total,	\$24.34985

Warning to Freshmen: When you play with a Tabby cat, don’t stroke
its fur the wrong way, or pull its tail, as such cruelty to animals can’t be
allowed at this institution and must invariably result in the suspension of
the offender.

Wanted.

A TAR walk to town.

The recipe for '92's paint.

More than two bath tubs for one hundred students.

A pair of tweezers to pull Mac's and Greg's moustache out.

To know how West got Taft's drying paper.

A horse-car route to North Amherst to accommodate Jack, Stowe and Blair.

Something to stop Freshmen from growing sluggers.

To know how all the fellows got so many girls' pictures in their rooms.

A kitten and cream by two-thirds of the fellows. Apply to Jack.

A mowing machine for Freddie McDonald to shave with.

A patent on Lage's jaws.

A pedometer on John S. West's gait.

Freshmen for instruction in singing at No. 21 N. C.

To know the scientific names of the new Weed, Crane, and Wood, which have just been discovered.

A porous plaster to get the "Charley" off of Mac's back.

A man to take care of the College grounds in Summer.

A currycomb and brush to comb Castro's hair.

A man to open the fire-escapes an hour before the fire.

A barrel of heavenly dew and a siphon for Castro.

A Badger and whistle for Pat.

A patent self-washer for Hull, '92.

To know if Felton is going to take the class cup.

A lady type-writer for the next "INDEX" board.

To know why the resident graduates at the Ex. Station have to go down town every night.

A healthy red-headed girl, weighing 300 pounds, to (Nourse) Woodbury.

EDITORIAL WANTS.

Three inches more on Greg's military pants.

Something to gum Taft's ears to his head.

A lady pianist to accompany Herrero on the banjo.

A tin razor and a paint brush for Goddard's beard.

A whisker invigorator for Jones.

An inspiration to compose poetry for Mossman.

A good temperance drink for Barry.

To know if Field, Felt, Ruggles and Eaton are not ashamed of having voted for themselves to be on '91's INDEX board, and if Shores, Hull and Legate, who did not vote for themselves, are not ashamed of their associate editors.

Stolen Thunder.

THERE is a youth whose eyes and hair
Are of a darkish hue,
Whose face was always bland and bare,
Till after studious thought and care,
A gentle moustache grew.

In the seclusion of his room
He studies night and day;
His modest features ne'er assume
Ecstatic joy or dreary gloom,
Nor arrogance display.

His time-piece on his table lies:
With measured promptitude,
Each moment's duties he descries,
And Time's demands at once supplies,
In steady working mood.

His task it is the bell to ring,
To call the classes in;
Upon the bell-rope doth he cling,
Before 'tis time the bell to swing,
And at the dot begin.

And as the bell rings out its chimes,
Then tolls its steady stroke,
Then rings again its half-way rhymes,
Then tolls along, and lastly mimes
Rush of a rapid brook.

It seems the manner to resound
Of him who rings the bell;
To place in order duties found,
And only in its proper round
Upon each one to dwell.

IN MEMORY
OF
LEWIS CALVERT LEARY,
Class of '85,
DIED APRIL 3, 1888.

IN MEMORY
OF
OUR CLASSMATE,
ARTHUR SANDERSON WILLIAMS,
WHO
DIED SEPTEMBER 8, 1888.

WHEREAS, It has pleased God in His infinite wisdom to remove from our midst our beloved friend and classmate, ARTHUR S. WILLIAMS, and

Whereas, We recognize in him one who, as a student, was esteemed and respected by all, for his manly conduct and Christian character, therefore, be it

Resolved, That we mourn his loss, and that we extend our heartfelt sympathy to his bereaved parents in their affliction, and be it further

Resolved, That a copy of these resolutions be sent to his parents and also be published in the *Gazette and Courier*.

E. GREGORY, }
W. E. TAFT, } Committee.
F. H. PLUMB, }

Prize Men, 1888.

GRINNELL PRIZES.

Robert B. Moore, First Prize. Yataro Mishima, Second Prize.

CLARK PRIZE.

C. S. Crocker, '89. W. W. Gay, '91.

KENDALL PRIZES.

Fred W. Mossman, '90, 1st. George E. Richards, '91, 1st.
David Barry, '90, 2nd. Harry T. Sanderson, '91, 2nd.

HILLS PRIZES.

William Shepardson, 1st. Lorenzo F. Kinney, 2nd.

PRIZE FOR PLANTS FROM THE COLLEGE FARM.

Lorenzo F. Kinney.

COLLECTION OF NATIVE WOODS.

Lorenzo F. Kinney.

Calendar for 1889--90.

1889.

Winter Term begins,	Wednesday, Jan 2, at 8 15 A. M.
Winter Term closes,	Friday, March 22, at 10.30 A. M.
Spring Term begins,	Tuesday, April 2, at 8.15 A. M.
Baccalaureate Sermon,	Sunday, June 16.
Address before the Christian Union,	Sunday, June 16.
Kendall Prize Speaking,	Monday, June 17.
Grinnell Prize Examination of the Senior Class in Agriculture,	Tuesday, June 18.
Military Exercises,	Tuesday, June 18.
Meeting of the Alumni,	Tuesday, June 18.
President's Reception,	Tuesday, June 18.
Commencement Exercises,	Wednesday, June 19.
Meeting of Trustees,	Wednesday, June 19.
Examinations for Admission, Botanic Museum,	Thursday, June 20, at 9 A. M.
Examinations for Admission, Botanic Museum,	Tuesday, Sept. 3, at 9 A. M.
Fall Term begins,	Wednesday, Sept. 4, at 8.15 A. M.
Fall Term closes,	Friday, Dec. 13, at 10.30 A. M.

1890.

Winter Term begins,	Thursday, Jan. 2, at 8.15 A. M.
Winter Term closes,	Friday, March 21, at 10.30 A. M.

The Mass. Agricultural College Club of New York and Vicinity.

DECEMBER 10, 1886.

EXECUTIVE COMMITTEE.

SAMUEL CLARENCE THOMPSON, '72,

HENRY FRANCIS HUBBARD, '78,

JOHN ASHBURTON CUTTER, M. D., '82.

The Club was called into existence by seven graduates and two non-graduates, who met at the ARISTON October 27, 1886. December 10 the organization became permanent by vote of over twenty-five graduates and non-graduates at a dinner at Martinelli's. The second dinner followed in December of 1887 at Clark's, where the Club will hereafter dine. These dinners are a success. Some travel comparatively long distances to attend, and all present are busy men, who take it to be a delight to come together as children of our dear *Alma Mater*, meet those who have not been seen for years, recall memories of past glorious days, hear an account of the actual condition of the institution, rejoice over its progress, and finally part saying that the best thing they ever did was to "enter the M. A. C."

All guests of the Club are considered its honorary members, and all graduates and non-graduates who dine with the Club its active members. Fees are assessed at the time of the dinner for the expenses of printing andper plate, but there is no constitution, neither are there any by-laws.

The next dinner will be held December 14. The Club usually dines at 7:30 o'clock, to accommodate those coming late from business, and hereafter arrangements will be made so that the parlors at Clark's will be open in the latter part of the afternoon for social intercourse.

It is earnestly desired that all graduates and non-graduates of the M. A. C. who have not before received notice of the Club's dinners, or who have changed their addresses, will communicate with the Secretary-Treasurer, Dr. J. A. Cutter, The Ariston, Broadway and 55th Street, New York.

November 12, 1888.

HONORARY MEMBERS.

- President Henry H. Goodell, Amherst.
 Ex-Professor and Captain Charles Morris, U. S. A., Governor's Island.
 Ex-President Levi Stockbridge, Amherst.
 Ex-Professor Henry E. Alvord, President Maryland Agricultural College.
 Ex-Professor Charles L. Harrington, New York.
 Dr. F. M. Hexamer, *American Agriculturist*.

ACTIVE MEMBERS.

- '71, Andrew Lewis Bassett, Brooklyn.
 '71, William Henry Bowker, Boston.
 '71, George Clark Woolson, Superintendent Public Parks, New York.
 '72, William Ebenezer Bullard, M. D., 112 East 40th St., City.
 '72, Frederick William Morris, 72 Astor Place, City.
 '72, Frederick Maxwell Somers, 35 Wall St., City.
 '72, Samuel Clarence Thompson, 832 East 161st St., City.
 '74, Frank Edgar Adams, 88 South Oxford St., Brooklyn.
 '74, John Mitchell Benedict, M. D., Waterbury, Conn.
 '74, Asa Williams Dickinson, 1 Montgomery St., Jersey City, N. J.
 '74, William Lyman, Middlefield, Conn.
 '75, Joseph Francis Barrett, 29 Beaver St., City.
 '75, John Atherton Barri, Bridgeport, Conn.
 '75, Henry Stranahan Jackson, Brick Church, N. J.
 '76, Willis Wasburn Cary, Fishkill, N. Y.
 '76, Charles Herbert Phelps, 42 Elizabeth St., City.
 '77, Frank Gordon Urner, 70 Warren St., City.
 '78, Sanford Dwight Foot, 101 Chambers St., City.
 '78, Henry Francis Hubbard, New Rochelle, N. Y.
 '78, Charles Elihu Lyman, Middlefield, Conn.
 '78, Frederick Tuckerman, M. D., Amherst.
 '79, Edgar Davis Chittendon, Bridgeport, Conn.
 '81, Benjamin Salter Smith, Orange, N. J.
 '82, Charles Edward Beach, Hartford, Conn.
 '82, Harry Kirke Chase, 148 South Elliot Place, Brooklyn, N. Y.
 '82, John Ashburton Cutter, M. D., The Ariston, etc., City.
 '82, Samuel Judd Holmes, 19 Murray St., City.
 '82, John Cheney Platt, 333 Fourth Ave., City.
 '82, James Stoddard Williams, Glastonbury, Conn.
 '83, Alfred Armand Hevia, 232 Lexington Ave., Brooklyn, N. Y.
 '84, Alfred William Lublin, 19 William St., City.
 '85, George Holcomb Barber, M. D., Glastonbury, Conn.
 '85, Hezekiah Howell, Monroe, N. Y.
 '85, Benoni Tekirion, 1 Broadway, City.
 '85, George Gouge Woodhull, Monroe, N. Y.

Alumni.

- Edwin W. Allen, '85, Goettinger, Germany, Student.
- Francis S. Allen, M. D., D. V. S., '82, Corner 5th and Locust streets, Philadelphia, Pa., Veterinary to the People's Mutual Live Stock Insurance Co., Pa.
- Gideon H. Allen, '71, Richfield, Kansas, Town Clerk.
- Augusto Luis de Almeida, '87, Agencia des Tres Barras, Bananal de Sao Paulo, Brazil, Planter.
- Luciano J. Almeida, '85, Agencia des Tres Barras, Bananal de Sao Paulo Brazil, Planter.
- George T. Aplin, '82, East Putney, Vt., Farmer.
- Osgan H. Ateshian, '86, 68 Boylston street, Boston, Mass., Importer of Oriental Goods.
- William H. Atkins, '86, Little Silver, N. J., Clerk, Office Monmouth Nursery.
- Winfred Ayres, '86, Oakham, Mass.
- David A. Bagley, '76, Address unknown.
- Sidney C. Bagley, '83, 35 Lynde street, Boston, Mass., Cigar Packer, Boston Co-operative Association.
- David E. Baker, '78, Newton Lower Falls, Mass., Physician.
- George H. Barber, '85, 313 West 47th street, New York City, N. Y., Student, College of Physicians and Surgeons.
- Edward W. Barrett, '87, Agawam, Mass., Teacher.
- Joseph F. Barrett, '75, 29 Beaver street, New York City, N. Y., Traveling Salesman Bowker Fertilizer Co.
- John A. Barri, '75, Corner of Water street and Fairfield avenue, Bridgeport, Conn., Fertilizer Manufacturer in the firm of Chittenden, Barri & Sanderson.
- Andrew L. Bassett, '71, Pier 36 East River, New York City., N. Y., Transfer Agent, Central Vt. R. R. Co.

- Charles E. Beach, '82, West Hartford, Conn., Farmer, C. E. Beach & Co.,
"Vine Hill" and "Ridge Farms."
- Edward H. Belden, '88, Hatfield, Mass., Farmer.
- Burleigh C. Bell, '72, Corner 16th and Howard streets, San Francisco,
Cal., Druggist.
- John Bellamy, '76, 657 Washington street, Boston Mass., Hardware Dealer,
Nichols, Bellamy & Co.
- John M. Benedict, M. D., '74, 18 North Main Street, Waterbury, Conn.,
Physician.
- David H. Benson, '77, North Weymouth, Mass., Chemist and Superintend-
ent of Chemical Works, Bradley Fertilizer Co.
- Eugene P. Bingham, '82, 40 Pritchard street, Fitchburg, Mass., Manager of
Rowlstone Creamery, Lunenburg.
- William P. Birnie, '71, Springfield, Mass., Paper and Envelope Manufac-
turer.
- Edgar A. Bishop, '83, Talladega, Ala., Superintendent Agricultural De-
partment, Talladega College.
- William H. Bishop, '82, Agricultural College P. O., Maryland, Horticul-
turist, Maryland Agricultural Experiment Station.
- William H. Blanchard, '74, Westminster, Vt., Farmer, Putney, Vt.
- Herbert C. Bliss, '88, Attleboro, Mass., Traveling Salesman for Bliss Bros.,
Jewelry Manufacturers.
- Willie L. Boutwell, '78, Leverett, Mass., Farmer.
- William H. Bowker, '71, 43 Chatham street, Boston, Mass., President
Bowker Fertilizer Co.
- Charles A. Bowman, '81, 7 Exchange Place, Boston, Mass., Assistant En-
gineer with Aspinwall & Lincoln.
- Charles E. Boynton, '81, Syracuse, N. Y., Student, Medical Department
Syracuse University.
- Everett B. Bragg, '75, Tremont Bank Building, Boston, Mass., Chemist for
Glidden & Curtis.
- Domingos H. Braune, '83, Nova Friburgo, Province of Rio Janeiro,
Brazil, Planter.
- William F. Brett, '72, Danbury, Conn., Merchant.
- Charles Brewer, '77, Pelham, Mass., Farmer.
- Arthur A. Brigham, '78, Sapporo, Japan, Professor of Agriculture, Impe-
rial College of Agriculture.
- Henry S. Brodt, '82, Rawlins, Wyoming Territory, Clerk, J. W. Hugus
& Co.
- Frederick K. Brooks, '88, Haverhill, Mass., Mail Carrier.
- William P. Brooks, '75, Mass. Agricultural College, Amherst., Mass., Pro-
fessor of Agriculture.

- Charles W. Brown, '85, Temple, N. H., Farmer.
- Madison Bunker, D. V. S., '75, Newton, Mass., Veterinary Surgeon.
- William H. Caldwell, '87, State College, Centre County, Pa., Assistant
Agriculturist, Pennsylvania State College Agricultural Experiment
Station.
- Thomas R. Calender, '75, Wellesley Hills, Mass., Florist.
- Frederick G. Campbell, '75, West Westminster, Vt., Farmer.
- David F. Carpenter, '86, Millbury, Mass., Teacher.
- Frank B. Carpenter, '88, Raleigh, N. C., Assistant Chemist, North Caro-
lina Agricultural Experiment Station.
- Walter F. Carr, '81, Minneapolis, Minnesota, Secretary and Treasurer
"Union Construction Co."
- Herbert S. Carruth, '72, Ashmont, Mass., Real Estate.
- Lilley B. Caswell, '71, Athol, Mass., Civil Engineer.
- Edward P. Chandler, '74, Fort Maginnis, Montana, Farmer.
- Everett S. Chandler, '82, address unknown.
- Henry E. Chapin, '81, Tilton, N. H., Teacher.
- William E. Chase, '87, Redlands, San Bernardino County, Cal.
- Darius O. Chickering, '76, Enfield, Mass., Farmer.
- Edward C. Choate, '78, Cheyenne, Wyoming Territory, Horse Breeder,
Davis & Choate.
- Charles W. Clapp, '86, Montague, Mass., Farmer.
- Atherton Clark, '77, 140 Tremont street, Boston, Mass., Clerk with R. H.
Stearns & Co.
- John W. Clark, '73, Columbia, Mo., Horticulturist, Agricultural Experi-
ment Station of the University of Missouri.
- Xenos Y. Clark, ('75) '78, Amherst, Mass., Scientist.
- *Jabez W. Clay, '75.
- Charles F. Colburn, '78, Lowell, Mass., Associate Editor of *Lowell Daily
Citizen* and Teller of Five Cent Savings Bank.
- Fred S. Cooley, '88, Sunderland, Mass., Teacher, North Amherst.
- James W. Cooper, Jr., '82, Plymouth, Mass., Druggist.
- Frank C. Cowles, '72, Superintendent of Construction, firm of Norcross
Bros., Contractors and Builders. Present address, New Haven, Conn.,
Superintending construction of Yale College "Memorial Hall."
- Homer L. Cowles, '71, Amherst, Mass., Farmer.
- *Wolfgang F. Curtis, '74.
- John A. Cutter, M. D., '82, The Ariston, Broadway and 55th street, New
York City, N. Y., Physician.
- John C. Cutter, '72, Address care Herr Dr. Brauns, Am Kirchthor 7 Halle,
Germany, Student in Germany.

*Deceased.

- Samuel C. Damon, '82, Lancaster, Mass., Farmer.
- Fred A. Davis, '87, Lynn, Mass., Harvard Medical School, Student.
- Charles F. Deuel, '76, Amherst, Mass., Druggist.
- Edwin H. Dickinson, '88, North Amherst, Farmer.
- Richard S. Dickinson, '79, Columbus, Platte County, Neb., Farmer.
- George R. Dodge, '75, Brighton, Mass., Superintendent Bowker Fertilizer Co.'s Works.
- Richard F. Duncan, '86, 12 High street, Albany, N. Y., Student in Albany Medical College.
- Edward N. Dyer, '72, North Weymouth, Mass., Clergyman.
- Isaac H. Easterbrook, '72, Box 491, Webster, Mass., Farmer in Dudley, Mass.
- William A. Eaton, '86, 1131 North 18th street, Omaha, Neb., Express Agent, E. B. Wood & Co.
- Frederick C. Eldred, '73, 128 Chambers street, New York City, N. Y., Merchant.
- Emory A. Ellsworth, '71, Whiting Street Building, Holyoke, Mass., Architect and Civil Engineer.
- Frank H. Fairfield, '81, Saco, Me., Poultry Raiser.
- Charles F. W. Felt, '86, Topeka, Kan, Care of Engineering Department, A. T. & S. F. R. R., Civil Engineer.
- Samuel H. Field, '88, Hatfield, Mass., Farmer.
- Jabez F. Fisher, '71, Fitchburg, Mass., Paymaster Cleghorn Mills.
- Cyrus W. Fisherdick, '87, Lincoln, Neb., Law Student, Webster & Holmes.
- Edward R. Fisk, '72, 625 Chestnut street, Philadelphia, Pa., Merchant, Folwell Bro. & Co.
- Charles O. Flagg, '72, Abbott Run, R. I., Farmer.
- Charles L. Flint, Jr., '81, 25 Congress street, Boston, Mass., Stock Broker, Dole & Flint.
- Edward R. Flint, '87, Amherst, Mass, Assistant Chemist, State Experiment Station.
- *Charles W. Floyd, 82.
- Sanford D. Foot, '78, 101 Chambers street, New York City, N. Y., File Manufacturer, Kearney & Foot Co.
- Francis H. Foster, '88, Andover, Mass., Student, Boston Conservatory of Music.
- Alvan L. Fowler, '80, San Domingo City, Island of San Domingo, Civil Engineer.
- Fred H. Fowler, '87, Commonwealth Building, Boston, Mass., Clerk to Secretary of the State Board of Agriculture.
- George E. Fuller, '71, Address unknown.

*Deceased.

- Frederick E. Gladwin, '80, 413 Montgomery street, San Francisco, Cal., J. P. Mighell & Co., Writing Machines.
- Joel E. Goldthwait, '85, Marblehead, Mass., Student at Harvard Medical School.
- David Goodale, '82, Marlboro', Mass., Farmer.
- Samuel B. Green, '79, St. Anthony Park, Minn., Horticulturist, Experiment Station of the College of Agriculture, University of Minnesota.
- Richard B. Grover, '72, 11 Durham street, Boston Mass., Associate Pastor, Old South Church.
- George W. M. Guild, '76, 46 Chauncy street, Boston, Mass., Merchant, C. H. Farmer & Co.
- Henry Hague, '75, 6 Princeton street, South Worcester, Mass., Clergyman.
- Josiah N. Hall, M. D., '78, Sterling, Weld County, Col., Physician.
- Peter M. Harwood, '75, Barre, Mass., Farmer.
- Boonzo Hashiguchi, '81, Tokio, Japan, President Government Sugar Beet Company, Department of Agriculture.
- *Frank W. Hawley, '71.
- Joseph M. Hawley, '76, Berlin, Wis., Banker, C. A. Mather & Co.
- Albert I. Hayward, '88, Agricultural College, Md., Agriculturist, Maryland Agricultural Experiment Station.
- Henry G. K. Heath (formerly Koch), L. L. B., '78, Aldrich Court, Broadway, New York City, Lawyer, firm of Heath, Hamilton & Lucas.
- Charles Herms, '84, O'Bannon Station, Jefferson County, Ky., Farmer.
- *Frederick St. C. Herrick, '71.
- Alfred A. Hevia, '83, 120 Broadway, New York City, N. Y., or O'Reilly, '38, Havana, Cuba, Spanish Department Equitable Life Assurance Society of U. S.
- Joseph R. Hibbard, '77, Stoughton, Wis., Farmer.
- Charles D. Hillman, '82, Fresno City, Cal., Nurseryman and Stock-raiser.
- Joseph L. Hills, '81, Burlington, Vt., Chemist, Vermont State Agricultural Experiment Station.
- Daniel G. Hitchcock, '74, Warren, Mass.
- J. A. Hobbs, '74, Bloomington, Neb., Special Agent Omaha Loan and Trust Company.
- Harry D. Holland, '84, Amherst, Mass., Dealer in Hardware, Holland & Gallond.
- Samuel M. Holman, Jr., '83, 11 Pleasant street, Attleboro, Mass., Coal and Wood Dealer.
- Lemuel Le B. Holmes, '72, New Bedford, Mass., Lawyer.
- Johnathan E. Holt, '88, Andover, Mass., Farmer.
- Joseph H. Howard, '82, Minnesota, Dak., Cattle-raiser.

*Deceased.

- Charles S. Howe, '78, Akron, O., Professor of Mathematics, Butchel College.
- Clinton S. Howe, '87, Marlboro', Mass., Farmer.
- Elmer D. Howe, '81, Marlboro', Mass., Farmer.
- George D. Howe, '82, North Hadley, Mass., Book-keeper and Mechanic, C. Dickinson & Son.
- Waldo V. Howe, '77, Newburyport, Mass., Farmer.
- Hezekiah Howell, '85, Monroe, Orange County, N. Y., Farmer.
- Henry F. Hubbard, '78, 94 Front street, New York City, N. Y., with J. H. Catherwood & Co., Tea Importers.
- John F. Hunt, '78, Sunderland, Mass., Market Gardener.
- Elisha A. Jones, '84, Logan Station, Philadelphia, Pa., Farmer.
- Hiram Kendall, '76, Providence, R. I., Kendall Manufacturing Co.
- Francis E. Kimball, '72, Worcester, Mass., Book-keeper, E. W. Vail, 15 Union street.
- Morris B. Kingman, '82, Amherst, Mass., Florist.
- Burton A. Kinney, '82, Portland, Me., Photographic Publisher and Artist, Jackson & Kinney.
- Lorenzo F. Kinney, '88, Amherst, Mass., Assistant Horticulturist, Hatch Experiment Station.
- Edward E. Knapp, '88, Amherst, Mass., Assistant Chemist, State Agricultural Experiment Station.
- Walter H. Knapp, '75, Newtonville, Mass., Florist.
- Henry G. H. Koch, '78, See Heath.
- Thomas H. Ladd, '76, Care Wm. Dadmun, Watertown, Mass.
- *Lewis C. Leary, '85.
- Lauren K. Lee, '75, Valley Springs, Dak., Proprietor of Valley Springs Roller Mill.
- William G. Lee, '80, 590 Plainfield street, Brightwood, Mass., Architectural Draughtsman.
- Walter S. Leland, '73, Warnerville, Mass., Officer in the Massachusetts Reformatory.
- George Leonard, LL.B., '71, Springfield, Mass., Lawyer.
- Edgar H. Libby, '74, 751 Broadway, New York City, N. Y., Editor and Publisher *American Garden*.
- Joseph B. Lindsey, '83, Pawtucket, R. I., Chemist and Chemical Agent, L. & B. Darling Fertilizer Co.
- Russell W. Livermore, LL.B., '72, Pates, Robeson County, N. C., Farmer, Merchant, Manufacturer of Turpentine, and Lawyer.
- Charles O. Lovell, '78, Northampton, Mass., Photographer.
- Asahel H. Lyman, '73, Manistee, Mich., Druggist.

*Deceased.

- Charles E. Lyman, '78, Middlefield, Conn., Farmer.
- *Henry Lyman, '74.
- Robert W. Lyman, LL.B., '71, Belchertown, Mass., Lawyer.
- George Mackie, M. D., '72, Attleboro, Mass., Physician.
- Richards B. Mackintosh, '86, Peabody, Mass., Superintendent of J. B. Thomas' Wool Washer.
- William A. Macleod, B. A., LL. B., '76, 60 Devonshire street, Boston, Mass., Patent Solicitor.
- George H. Mann, '76, Sharon, Mass., Superintendent Cotton Duck Mills.
- James M. Marsh, '87, 167 Chestnut street, Lynn, Mass., Salesman, G. E. Marsh & Co.
- Charles L. Marshall, '87, Corner Chelmsford and Plain streets, Lowell, Mass., Market Gardener and Florist.
- William E. Martin, '76, Excelsior, Minn., Martin & Sigafos, Grocers.
- Frederick G. May, '82, Orlando, Orange County, Fla., Orange Grower.
- Samuel T. Maynard, '72, Amherst, Mass., Professor of Botany and Horticulture, Mass. Agricultural College.
- Charles W. McConnel, D. D. S., '76, 170 Tremont street, Boston, Mass., Dentist.
- Charles M. McQueen, '80, 92 Commercial Bank Building, Chicago, Ill., President of Progressive Publishing Company.
- Thomas F. B. Meehan, '87, 3451 Washington street, Boston, Mass., Student at Harvard Law School.
- George M. Miles, '75, Miles City, Mont., Hardware Merchant and Stock-raiser.
- George W. Mills, M. D., '73, Medford, Mass., Physician.
- John B. Minor, '73, New Britain, Conn., Folding Paper Box Manufacturer, J. H. Minor & Co.
- Charles W. Minott, '83, Burlington, Vt., Horticulturist, Vermont State Agricultural Experiment Station.
- Yataro Mishima, '88, Keishichi, Tokio, Japan.
- Arthur H. Montague, '74, South Hadley, Mass., Farmer, Granby.
- Robert B. Moore, '88, Amherst, Mass., Assistant Chemist, State Agricultural Experiment Station.
- Herbert E. Morey, '72, 49 Haverhill street, Boston, Mass., Merchant, Morey, Churchill & Morey.
- *James H. Morse, '71.
- William A. Morse, '82, Natick, Mass., Farmer.
- Herbert Myrick, '82, Springfield, Mass., Agricultural Editor, *New England Homestead*.

*Deceased.

- Lockwood Myrick, '78, Northboro, Mass., Gen. Eastern Agent, Williams & Clark Co., Fertilizers.
- George E. Newman, '88, Newbury, Mass., Farmer.
- Lewis A. Nichols, '71, Portland, Oregon, Civil Engineer, in charge of Railroad Construction, O. R. & H. Co.
- Arthur D. Norcross, '71, Monson, Mass., Merchant.
- David O. Nourse, '83, Blacksburg, Va., Horticulturist, Virginia Agricultural Experiment Station.
- Frank F. Noyes, '88, Lynn, Mass., Electrical Engineer at Thompson & Houston's Electrical Works.
- George E. Nye, '77, 70 Exchange Building, Union Stock Yards, Chicago, Ill., Book-keeper, G. F. Swift & Co.
- Frederick H. Osgood, M. R. C. V. S., '78, Springfield, Mass., Veterinary Surgeon.
- J. Clark Osterhout, '87, Lowell, Mass., with The Ingalls Medical Co.
- Harry P. Otis, '75, Florence, Mass., Superintendent Northampton Emery Wheel Co., Leeds, Mass.
- Joel B. Page, '71, Conway, Mass., Farmer.
- James B. Paige, D. V. S., '82, Northampton, Mass., Veterinary Surgeon.
- George A. Parker, '76, Halifax, Mass., Landscape Gardener, Old Colony R. R.
- George L. Parker, '76, Washington, corner Rockwell street, Boston, Mass., Florist.
- Henry E. Parker, LL. B., '77, 115 Broadway, New York City, N. Y., Solicitor of Patents.
- William C. Parker, '80, Room 42, 28 School street, Boston, Mass., Real Estate and Insurance Agent.
- Wilfred A. Parsons, '88, Amherst, Mass., Assistant in the Field Department of the State Agricultural Experiment Station.
- William R. Peabody, '72, Atchison, Kansas, in service of Atchison, Topeka & Santa Fé R. R.
- David P. Penhallow, '73, Montreal, Canada, Professor of Botany and Vegetable Physiology, McGill University.
- Dana E. Perkins, '82, 79 and 81 Spring street, New York City, N. Y., Assistant Manager, Publishing House of Selmar Hess.
- Austin Peters, D. D. S., M. R. C. V. S., '81, 23 Court street, Boston, Mass., Veterinarian to the Mass. Society for promoting Agriculture.
- Charles H. Phelps, '76, 42 Elizabeth street, New York City, N. Y., Clerk.
- Charles S. Phelps, '85, Mansfield, Ct., Vice Director Storrs School Agricultural Experiment Station.
- Henry L. Phelps, '74, Southampton, Mass., Farmer.

- Charles S. Plumb, '82, Knoxville, Tenn., Professor of Agriculture and Assistant Director in charge of Field and Feeding Experiments, Agricultural Experiment Station of the University of Tennessee.
- William H. Porter, '76, Agawam, Mass., Farmer.
- Raymundo M. da S. Porto, '77, Pará, Brazil, S. A., Teacher.
- William S. Potter, '76, Lafayette, Ind., Lawyer, Rice & Potter.
- Charles H. Preston, '88, 161 Tremont street, Boston, Mass., Chemist, with State Analyst.
- Edward B. Rawson, '81, Baltimore, Md., Student, Johns Hopkins University.
- James B. Renshaw, B. D., '73, Plainview, Wabasha County, Minn., Pastor Congregational Church.
- Frank H. Rice, '75, Hawthorn, Esmeralda County, Nev., Book-keeper, with J. W. Hogan.
- Thomas Rice, '88, Shrewsbury, Mass.
- Evan F. Richardson, '81, Millis, Mass., Farmer.
- Samuel H. Richmond, '71, Linadale, Marion County, Fla., Surveyor and Orange Grower.
- Henry N. W. Rideout, '87, 23 Howe street, Somerville, Mass., Season Ticket Agent, B. & P. R. R.
- George A. Ripley, '80, 1 Wyman street, Worcester, Mass., Traveling Salesman.
- Joseph E. Root, M. D., '76, 839 Asylum avenue, Hartford, Conn., Physician.
- Charles Rudolph, '79, St. Paul, Minn., Lawyer and Real Estate Agent.
- William D. Russell, '71, Turners Falls, Mass., with Montague Paper Co.
- Frank B. Salisbury, '72, Beaconsfield Diamond Fields, South Africa, Trader.
- Kingsbury Sanborn, '86, Riverside, Cal.
- John M. Sears, '76, Monson, Mass., Officer, State Primary School.
- Elliot D. Shaw, '72, Holyoke, Mass., Florist.
- William M. Shepardson, '88, Amherst, Mass., Assistant Horticulturist, Hatch Experiment Station, Mass. Agricultural College.
- Walter A. Sherman, M. D., D. V. S., '79, 182 Central street, Lowell, Mass., Veterinary Surgeon.
- B. Luther Shimer, '88, Redington, Pa., Stock-raiser and Fruit Culturist.
- Asa F. Shiverick, '82, Wood's Holl, Mass., Chemist and Assistant Manager Pacific Guano Company's Works.
- Henry B. Simpson, '73, Stafford Court House, Va., Farmer.
- Edwin B. Smead, '71, 394 Park street, Hartford, Conn., Principal Watkinson Juvenile Asylum and Farm School.
- Frank S. Smith, '74, Albany, Wis., Manufacturer, Albany Woolen Mills.
- George P. Smith, '79, Sunderland, Mass., Farmer.
- Hiram F. M. Smith, M. D., '81, Orange, Mass., Physician.
- Llewellyn Smith, '84, 43 Chatham street, Boston, Mass., Traveling Salesman, Bowker Fertilizer Co.

- Thomas E. Smith, '76, West Chesterfield, Mass., Manufacturer.
- George H. Snow, '72, Leominster, Mass., Farmer.
- Frederick M. Somers, '72, 47 Exchange Place, New York City, N. Y., Journalist.
- *John E. Southmayd, '77.
- Andre A. Southwick, '75, Taunton, Mass., Farm Superintendent, Taunton State Lunatic Hospital.
- Abel W. Spalding, '81, 712 Lumber Exchange, Minneapolis, Minn., Landscape Architect and Civil Engineer.
- Lewis A. Sparrow, '71, 38 South Market street, Boston, Mass., Manufacturer of Fertilizers, Judson & Sparrow.
- Amos L. Spofford, '78, Georgetown, Mass., Mechanic.
- Horace E. Stockbridge, '78, Lafayette, Ind., Director of Agricultural Experiment Station of Purdue University.
- Almon H. Stone, '80, Santee, Neb., Teacher, Santee Agency.
- George S. Stone, '86, Otter River, Mass., Farmer.
- Winthrop E. Stone, '82, Knoxville, Tenn., Chemist of Agricultural Experiment Station of University of Tennessee.
- George P. Strickland, '71, 850 Courtland street, St. Paul, Minn., Machinist, St. Paul, Minneapolis & Manitoba R. R.
- Roscoe W. Swan, M. D., '79, 32 Pleasant street, Worcester, Mass., Physician.
- Cyrus A. Taft, '76, Whitinsville, Mass., Draughtsman.
- Levi R. Taft, '82, Agricultural College P. O., Mich., Professor of Horticulture, Agricultural College of Michigan.
- Alfred H. Taylor, '82, Burnett, Neb., Dealer in Live Stock.
- Frederick P. Taylor, '81, Athens, Coke County, East Tenn., Farmer.
- Isaac N. Taylor, Jr., '85, 513 Montgomery street, San Francisco, Cal., with Thompson & Houston Electric Co.
- Benoni Tekirian, '85, 1 Broadway, New York City, N. Y., Merchant.
- Edgar E. Thompson, '71, Brockton, Mass., Principal Whitman School.
- Samuel C. Thompson, '72, 2775 Third avenue, New York City, N. Y., Civil Engineer.
- Wilbur H. Thurston, '82, Stouts P. O., Adams County, O., Partner and Manager, "Tusculum Farm," Rome, O.
- William N. Tolman, '87, 60 Devonshire street, Boston, Mass., with E. W. Bowditch, Sanitary Engineer.
- Firmino de S. Torelly, '87, Cidade do Rio Grande, Rio Grande do Sul, Brazil, Stock-raiser.
- George H. Tucker, '71, West Spring Creek, Pa., Civil Engineer.
- Frederick Tuckerman, M. D., '78, Amherst, Mass., Physician.

*Deceased.

- George P. Urner, '76, Melville, Gallatin County, Mon., Sheep-raiser.
- Albert T. Wakefield, B. A., M. D., '73, 301 Main street, Peoria, Ill., Physician.
- Hiram E. B. Waldron, '79, North Rochester, Mass., Farmer.
- Willard C. Ware, '71, 255 Middle street, Portland, Me., Manager, Boston and Portland Clothing Co.
- Clarence D. Warner, '81, Amherst, Mass., Professor of Mathematics and Physics, Massachusetts Agricultural College.
- Seth S. Warner, '73, Northampton, Mass., Traveling Salesman for Bowker Fertilizer Co.
- John H. Washburn, '78, Gottingen, Germany, Student.
- Charles H. Watson, '87, 122 Tremont street, Boston, Mass., Law Student.
- James H. Webb, L. L. B., '73, 69 Church street, New Haven, Conn., Attorney and Counselor at Law, Alling & Webb.
- Charles Wellington, Ph. D., '73, Amherst, Mass., Associate Professor of Chemistry, Massachusetts Agricultural College.
- Henry Wells, '72, 211 Home Insurance Building, Chicago, Ill., Representative of the Missouri Car and Foundry Co.
- Howard G. Wetmore, M. D., '76, 41 West Ninth street, New York City, N. Y., Physician.
- Homer J. Wheeler, '83, Göttingen, Germany, Student of Chemistry.
- William Wheeler, '71, 75 State street, Boston, Mass., Civil and Hydraulic Engineer.
- Frank Le P. Whitney, '71, 2179 Washington street, Boston, Mass., Boot and shoe Dealer.
- Wm. Channing Whitney, '72, Minneapolis, Minn., Architect.
- Arthur Whitaker, '81, Needham, Mass., Farmer.
- Henry H. Wilcox, '81, Lihue, Kauai, H. I., Sugar Planter.
- John E. Wilder, '82, 179 Lake street, Chicago, Ill., Wholesale Leather Dealer, Wilder & Co.
- James S. Williams, '82, Glastonbury, Conn., Farmer.
- John E. Williams, '76, Amherst, Mass., Editor *Amherst Record*.
- John F. Winchester, D. V. S., '75, Lawrence, Mass., Veterinary Surgeon.
- Joseph L. Windsor, '82, Auburn, N. Y., Superintendent Auburn City Railway Co.
- Frank W. Wood, '73, Address unknown.
- Rufus P. Woodbury, '78, Kansas City, Mo., Editor, *Kansas City Daily Times*.
- Edward E. Woodman, '74, Danvers, Mass., Florists' and Garden Supplies, E. & C. Woodman.
- George C. Woolson, ('71) '86, Passaic, N. J., Superintendent of Parks, New York City, N. Y.

-
- Joseph Wyman, '77, 126 Washington avenue, Chelsea, Mass., Book-keeper,
F. O. Squire & Co., Boston.
Harrie McK. Zeller, '74, Hagerstown, Md.
-

DECEASED.

- Jabez W. Clay, '75, October 1, 1880, of pneumonia, at New York City, N. Y.
Wolfréd F. Curtis, '74, November 8, 1878, of inflammation of the brain, at
Westminster, Mass.
Charles W. Floyd, '82, October 10, 1883, of consumption, at Dorchester,
Mass.
Frank W. Hawley, '71, October 28, 1883, of apoplexy, at Belchertown,
Mass.
Frederick St. C. Herrick, '71, January 19, 1884, at Methuen, Mass.
Henry Lyman, '74, January 8, 1879, of pneumonia, at Middlefield, Conn.
James H. Morse, '71, June 21, 1883, of Bright's disease, at Salem, Mass.
John E. Southmayd, '77, December 11, 1878, of consumption, at Minneapolis,
Minn.
Lewis C. Leary, '85, April 2, 1888, of Heart Disease, at Cambridge, Mass.



Graduates Holding Positions in Agricultural Colleges and Experiment Stations.

- Bishop, William H., '82, Horticulturist, Maryland Agricultural Experiment Station.
- Brigham, Arthur A., '78, Professor of Agriculture, Imperial College of Agriculture, Sapporo, Japan.
- Brooks, William P., '75, Professor of Agriculture, Massachusetts Agricultural College, Amherst.
- Caldwell, William H., '87, Assistant Agriculturist, Pennsylvania State College Agricultural Experiment Station.
- Carpenter, Frank B., '88, Assistant Chemist, North Carolina Agricultural Experiment Station.
- Clark, John W., '72, Horticulturist, Missouri State Agricultural Experiment Station.
- Flint, Edward R., '87, Assistant Chemist, State Agricultural Experiment Station, Amherst.
- Green, Samuel B., '79, Horticulturist, Experiment Station of the College of Agriculture, University of Minnesota.
- Hayward, Albert I., '88, Agriculturist, Maryland Agricultural Experiment Station.
- Hills, Joseph L., '81, Chemist, Vermont State Agricultural Experiment Station.
- Kinney, Lorenzo F., '88, Assistant Horticulturist, Hatch Experiment Station, Massachusetts Agricultural College, Amherst.
- Knapp, Edward E., '88, Assistant Chemist, State Agricultural Experiment Station, Amherst.
- Maynard, Samuel T., '72, Professor of Horticulture and Botany, Massachusetts Agricultural College.
- Minott, Charles W., '83, Horticulturist, Vermont State Agricultural Experiment Station.
- Moore, Robert B., '88, Assistant Chemist, State Agricultural Experiment Station, Amherst.
- Nourse, David O., '83, Horticulturist, Virginia Agricultural Experiment Station.
- Parsons, Wilfred A., '88, Assistant in Field Department, State Agricultural Experiment Station, Amherst.
- Phelps, Charles S., '85, Vice-Director Storrs School Agricultural Experiment Station, Mansfield, Conn.
- Plumb, Charles S., '82, Assistant Director in charge of Field and Feeding Experiments, Agricultural Experiment Station of University of Tennessee.
- Shepardson, William M., '88, Assistant Horticulturist, Hatch Experiment Station, Massachusetts Agricultural College, Amherst.
- Stockbridge, Horace E., '78, Probably Director of Agricultural Experiment Station of Purdue University, Lafayette, Ind.
- Stone, Winthrop E., '82, Chemist of Agricultural Experiment Station of University of Tennessee.
- Taft, Levi R., '82, Professor of Horticulture, Agricultural College of Michigan.
- Warner, Clarence D., '81, Professor of Mathematics and Physics, Massachusetts Agricultural College, Amherst.
- Wellington, Charles, '73, Associate Professor of Chemistry, Massachusetts Agricultural College, Amherst.



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Carpenter to "Cope."—How often does the Boston Herald come?



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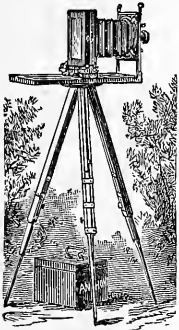
Merchant Tailor

COOK'S BLOCK, UP STAIRS,

AMHERST, - MASS.

"Mac" sends Fletcher down town for a gas wick.

Dec. 15.—Major A. locked out of examinations.



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Jan. 9.—Tabby and Barry have a set-to on the stairs.

March 1st.—Base-ball on the snow crust.



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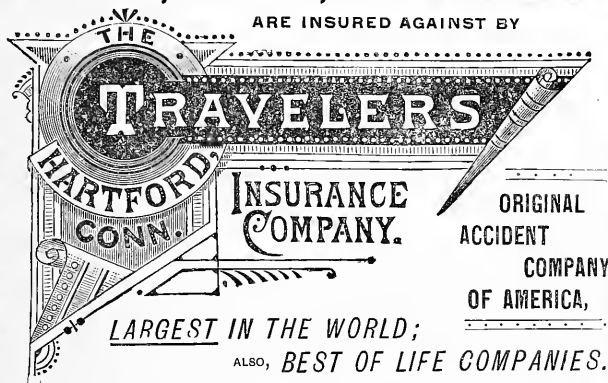
Sept. 20.—Sellew arrives and College begins.

Sept. 30th.—West, '90, goes off on a "peanut drunk."

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Sept. 31st.—He comes back with a "brick" in his hat.

Oct. 3d.—Smith, '90, puts on a clean collar.

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Nov. 1st.—Prof. "Sammy" gets a shave.

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Mac.—I slept last night in the arms of Murphy.

Feb. 5.—Doctor forgets his necktie.

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Oct. 23.—Weed swallows a tooth pick in prayer meeting.

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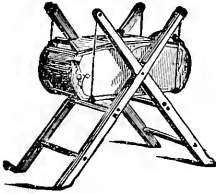
Be sure the word "Horsford's" is printed on the label. All others are spurious. Never sold in bulk.

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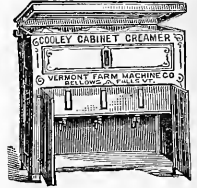
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Gold Medal, London, 1879.

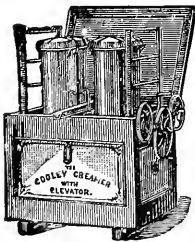
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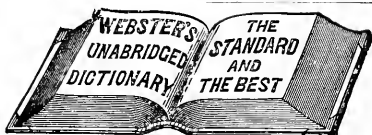
Prof. Fernald.—That West needs watching.



Oct. 15.—Freshman Howe runs away.

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